

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012623AL\
 Data File : FE040061.D
 Signal(s) : FID1B.ch
 Acq On : 26 Jan 2023 13:05
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 26 13:34:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011023.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 10 04:24:52 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)	11.906	2949612	19.207 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	13.344	2260400	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T n-Nonane (C9)	3.300	2556304	20.139 ug/ml
2) T n-Decane (C10)	4.548	2520558	20.296 ug/ml
3) T A~Naphthalene (C11.7)	6.251	2763605	19.596 ug/ml
4) T n-Dodecane (C12)	6.712	2552594	20.303 ug/ml
5) T A~2-methylnaphthalene...	7.346	2578440	19.686 ug/ml
6) T n-Tetradecane (C14)	8.539	2595168	20.178 ug/ml
7) T n-Hexadecane (C16)	10.147	2679090	19.859 ug/ml
8) T n-Octadecane (C18)	11.590	2746543	19.601 ug/ml
10) T n-Eicosane (C20)	12.899	2682917	19.364 ug/ml
11) T n-Heneicosane (C21)	13.511	2679524	19.202 ug/ml
13) T n-Docosane (C22)	14.097	2673288	19.260 ug/ml
14) T n-Tetracosane (C24)	15.201	2688488	19.527 ug/ml
15) T n-Hexacosane (C26)	16.222	2613399	19.581 ug/ml
16) T n-Octacosane (C28)	17.174	2610060	20.050 ug/ml
17) T n-Tricontane (C30)	18.061	2649400	20.775 ug/ml
18) T n-Dotriacontane (C32)	18.894	2663571	21.069 ug/ml
19) T n-Tetratriacontane (C34)	19.679	2516836	20.368 ug/ml
20) T n-Hexatriacontane (C36)	20.419	2364646	20.057 ug/ml
21) T n-Octatriacontane (C38)	21.154	2306887	19.302 ug/ml
22) T n-Tetracontane (C40)	22.056	2333383	19.226 ug/ml

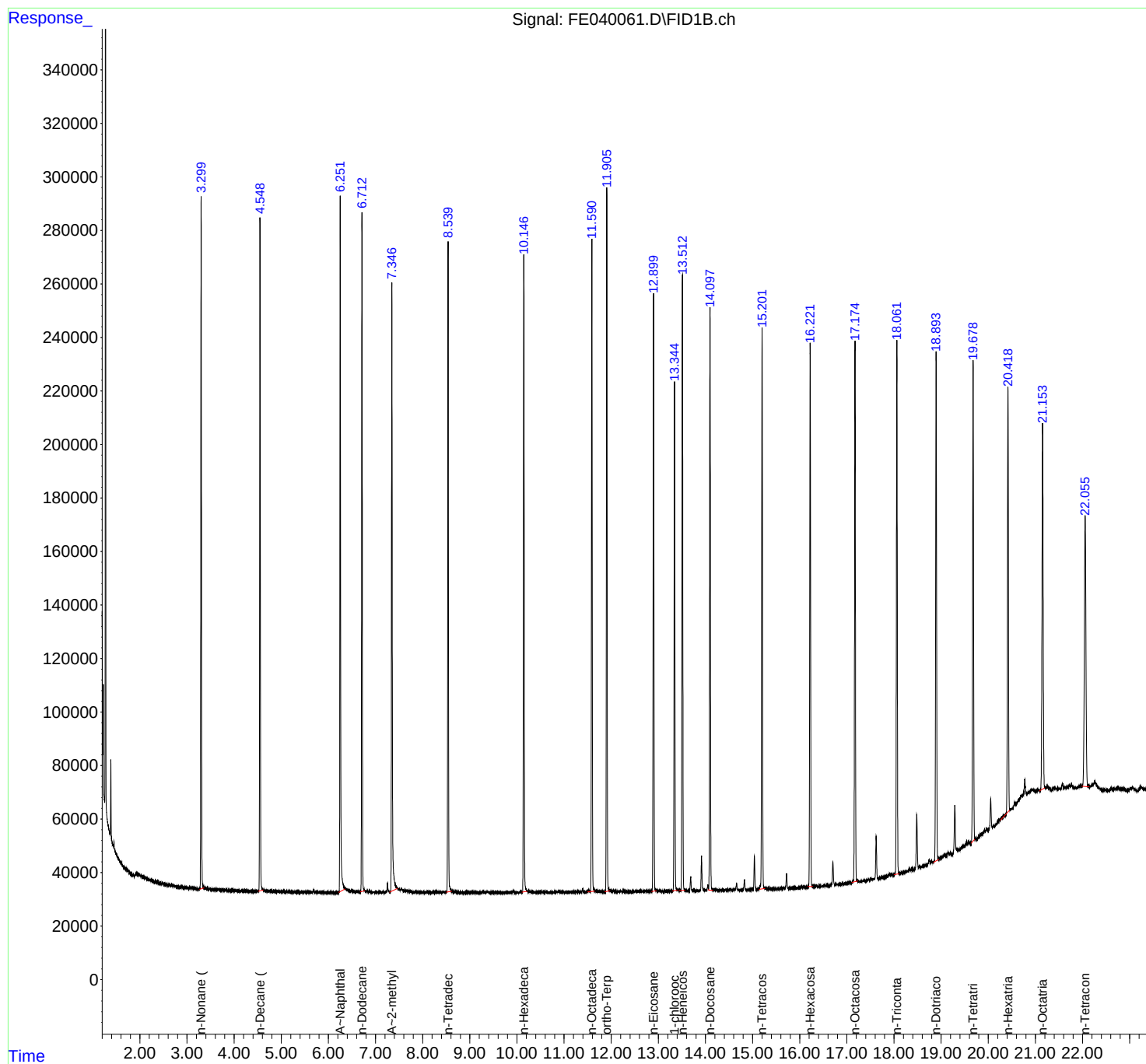
(f)=RT Delta > 1/2 Window

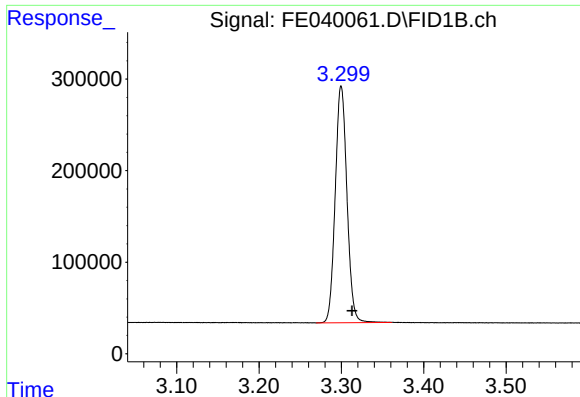
(m)=manual int.

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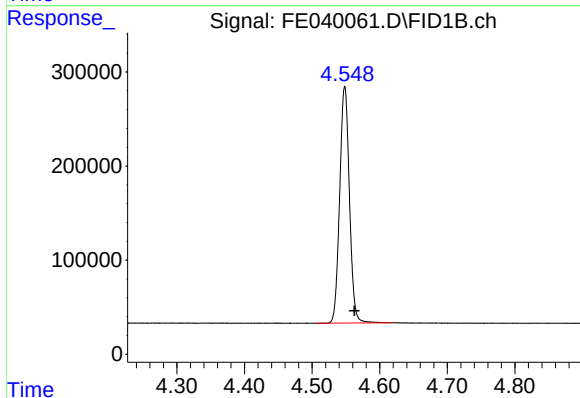
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Signal Info : 20M x 0.18mm x 0.18um





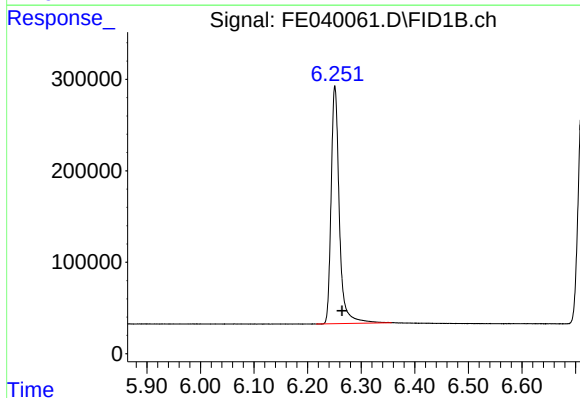
#1 n-Nonane (C9)

R.T.: 3.300 min
Delta R.T.: -0.013 min
Response: 2556304
Conc: 20.14 ug/ml



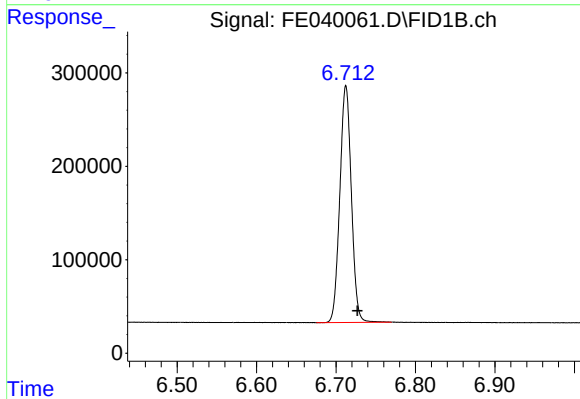
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: -0.014 min
Response: 2520558
Conc: 20.30 ug/ml



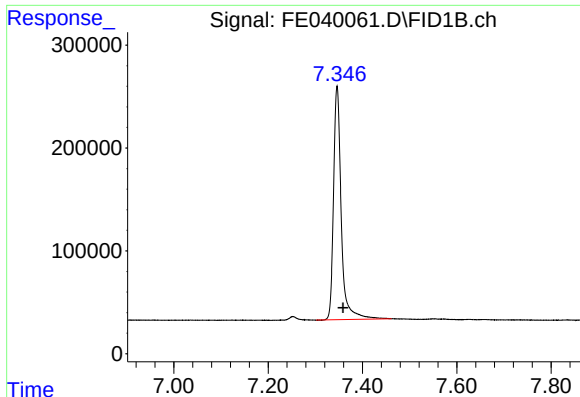
#3 A~Naphthalene (C11.7)

R.T.: 6.251 min
Delta R.T.: -0.014 min
Response: 2763605
Conc: 19.60 ug/ml



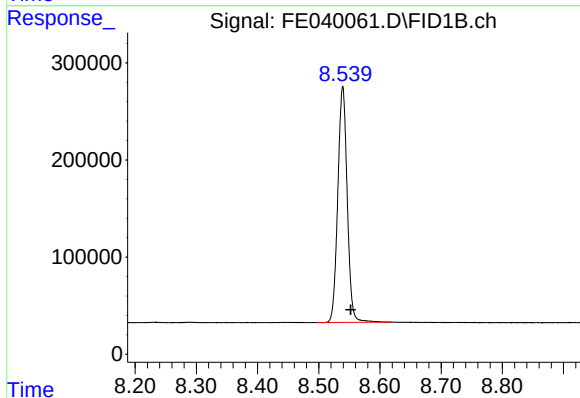
#4 n-Dodecane (C12)

R.T.: 6.712 min
Delta R.T.: -0.014 min
Response: 2552594
Conc: 20.30 ug/ml



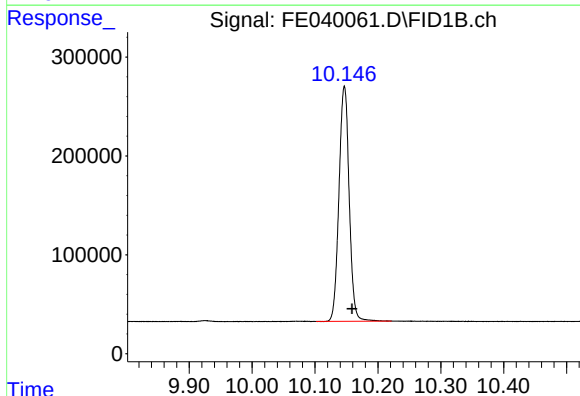
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.346 min
Delta R.T.: -0.013 min
Response: 2578440
Conc: 19.69 ug/ml



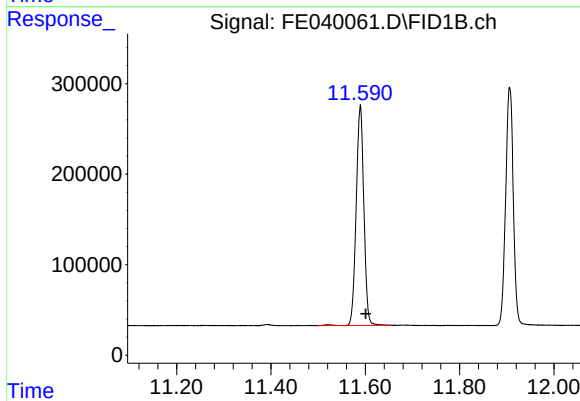
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.013 min
Response: 2595168
Conc: 20.18 ug/ml



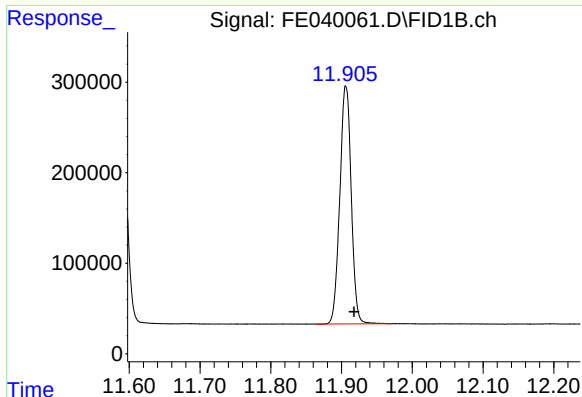
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: -0.012 min
Response: 2679090
Conc: 19.86 ug/ml



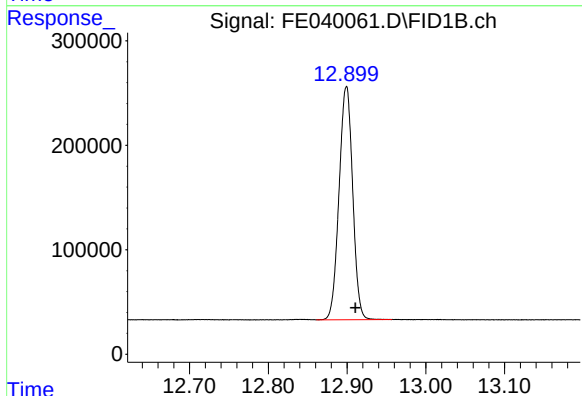
#8 n-Octadecane (C18)

R.T.: 11.590 min
Delta R.T.: -0.011 min
Response: 2746543
Conc: 19.60 ug/ml



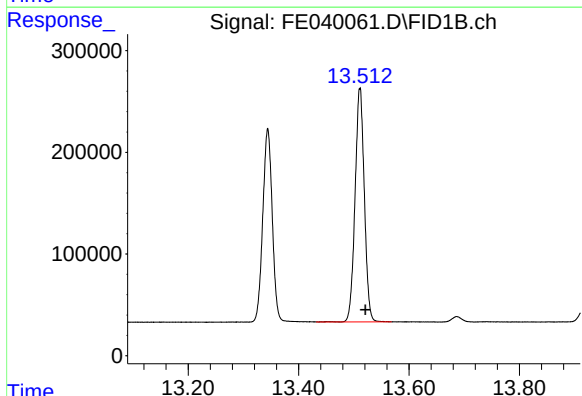
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.012 min
Response: 2949612
Conc: 19.21 ug/ml



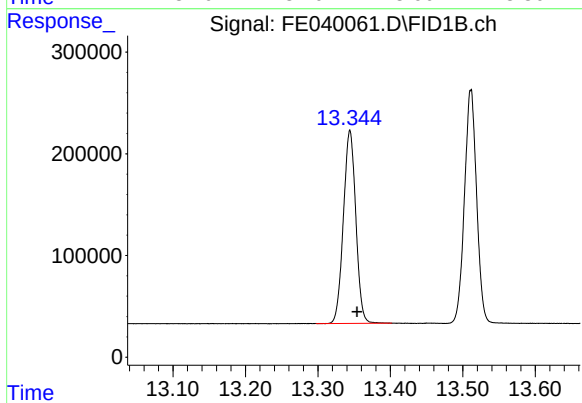
#10 n-Eicosane (C20)

R.T.: 12.899 min
Delta R.T.: -0.011 min
Response: 2682917
Conc: 19.36 ug/ml



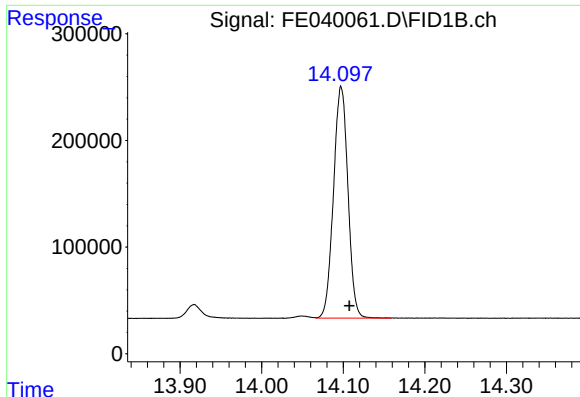
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: -0.010 min
Response: 2679524
Conc: 19.20 ug/ml



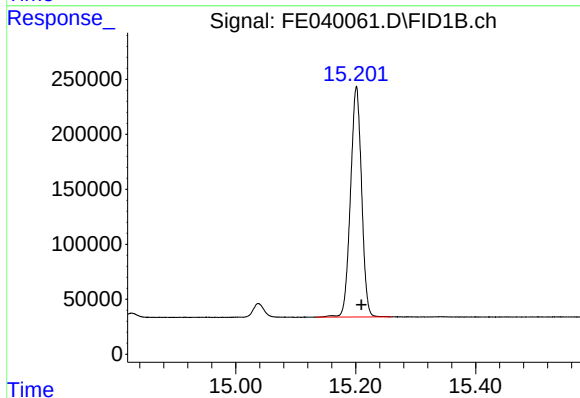
#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 2260400
Conc: 19.37 ug/ml



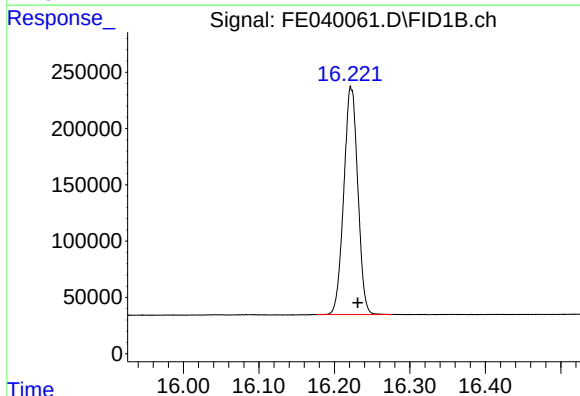
#13 n-Docosane (C22)

R.T.: 14.097 min
Delta R.T.: -0.010 min
Response: 2673288
Conc: 19.26 ug/ml



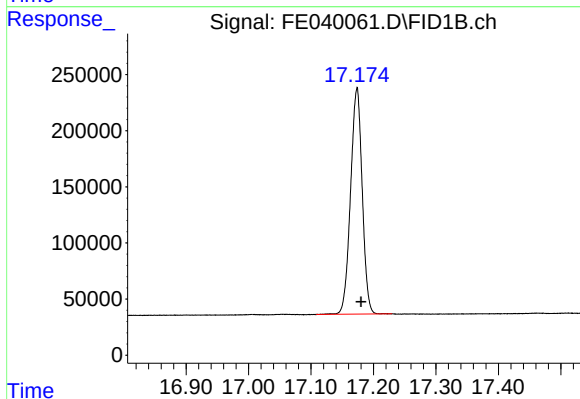
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: -0.009 min
Response: 2688488
Conc: 19.53 ug/ml



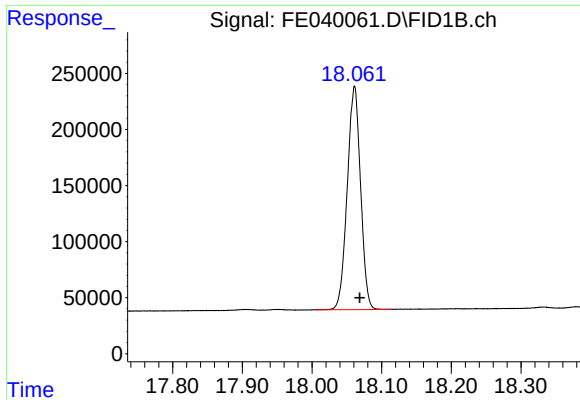
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.009 min
Response: 2613399
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.007 min
Response: 2610060
Conc: 20.05 ug/ml



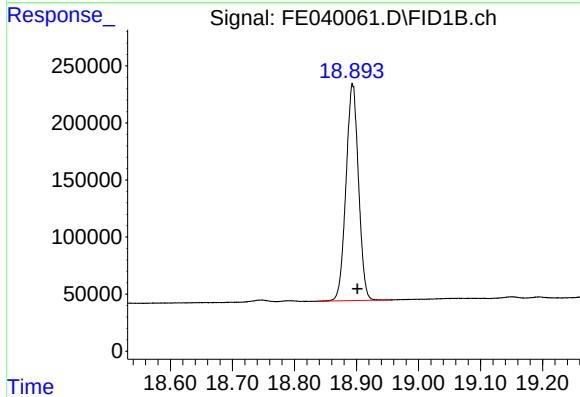
#17 n-Tricontane (C30)

R.T.: 18.061 min

Delta R.T.: -0.007 min

Response: 2649400

Conc: 20.78 ug/ml



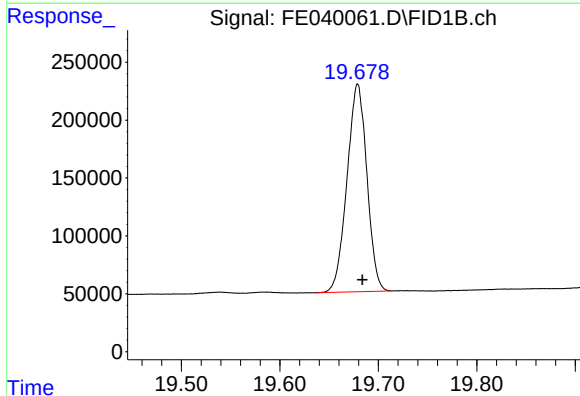
#18 n-Dotriacontane (C32)

R.T.: 18.894 min

Delta R.T.: -0.008 min

Response: 2663571

Conc: 21.07 ug/ml



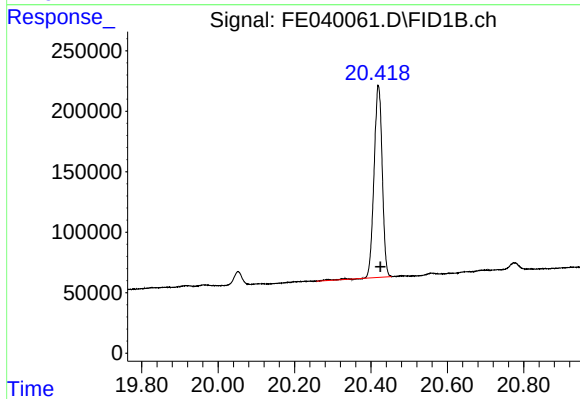
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min

Delta R.T.: -0.005 min

Response: 2516836

Conc: 20.37 ug/ml



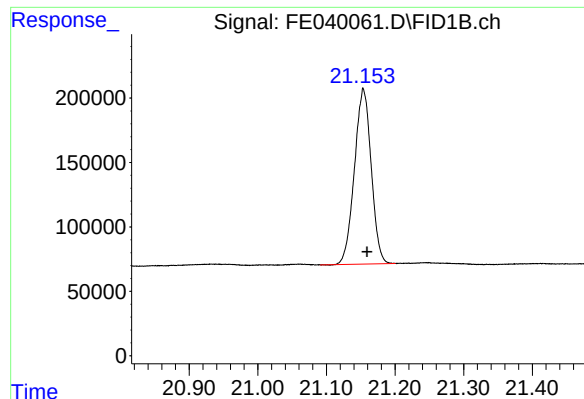
#20 n-Hexatriacontane (C36)

R.T.: 20.419 min

Delta R.T.: -0.006 min

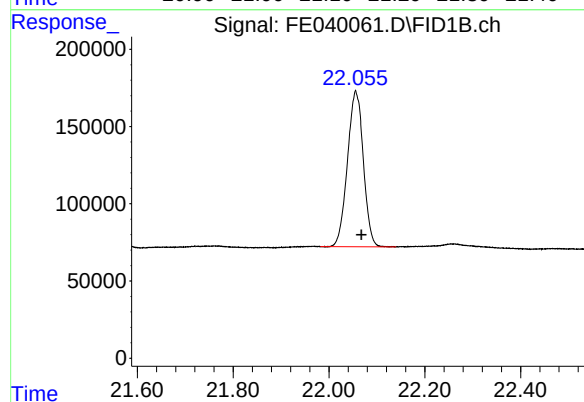
Response: 2364646

Conc: 20.06 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.006 min
Response: 2306887
Conc: 19.30 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.012 min
Response: 2333383
Conc: 19.23 ug/ml