

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021423AL\
 Data File : FE040354.D
 Signal(s) : FID1B.ch
 Acq On : 14 Feb 2023 19:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 14 21:24:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020223.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 02 04:52:48 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)	11.893	3693405	22.818 ug/ml
Spiked Amount 50.000		Recovery =	45.64%
12) S 1-chlorooctadecane (S...	13.331	2823609	22.767 ug/ml
Spiked Amount 50.000		Recovery =	45.53%
Target Compounds			
1) T n-Nonane (C9)	3.285	3083311	22.654 ug/ml
2) T n-Decane (C10)	4.535	3018224	22.716 ug/ml
3) T A~Naphthalene (C11.7)	6.238	3387724	23.148 ug/ml
4) T n-Dodecane (C12)	6.700	3069940	22.801 ug/ml
5) T A~2-methylnaphthalene...	7.333	3167896	23.404 ug/ml
6) T n-Tetradecane (C14)	8.526	3127548	22.694 ug/ml
7) T n-Hexadecane (C16)	10.134	3257979	22.701 ug/ml
8) T n-Octadecane (C18)	11.577	3367522	22.638 ug/ml
10) T n-Eicosane (C20)	12.887	3314862	22.547 ug/ml
11) T n-Heneicosane (C21)	13.498	3340409	22.648 ug/ml
13) T n-Docosane (C22)	14.085	3303650	22.296 ug/ml
14) T n-Tetracosane (C24)	15.189	3316843	21.850 ug/ml
15) T n-Hexacosane (C26)	16.210	3184591	21.481 ug/ml
16) T n-Octacosane (C28)	17.160	3144338	20.981 ug/ml
17) T n-Tricontane (C30)	18.049	2992967	20.285 ug/ml
18) T n-Dotriacontane (C32)	18.882	2943116	20.095 ug/ml
19) T n-Tetratriacontane (C34)	19.666	2875621	20.907 ug/ml
20) T n-Hexatriacontane (C36)	20.408	2752848	20.754 ug/ml
21) T n-Octatriacontane (C38)	21.140	2743281	21.146 ug/ml
22) T n-Tetracontane (C40)	22.040	2823655	21.267 ug/mlm

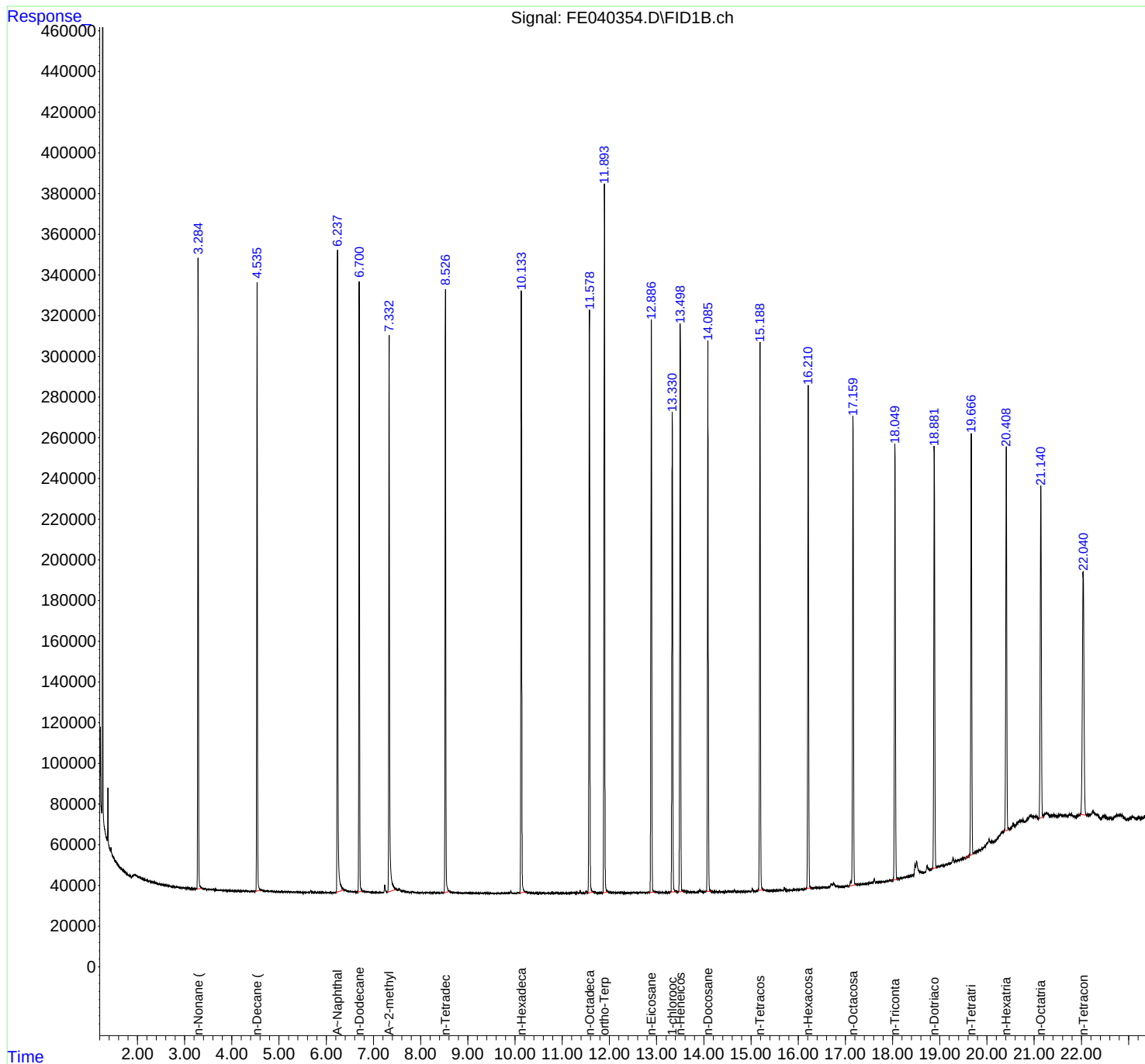
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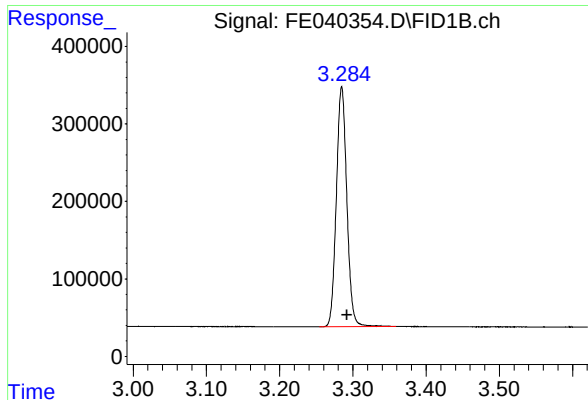
(m)=manual int.

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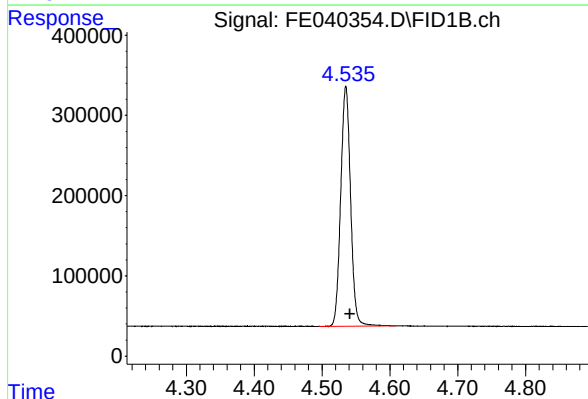
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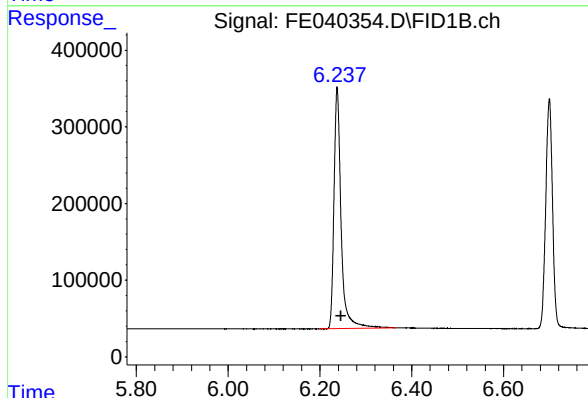
#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.007 min
Response: 3083311
Conc: 22.65 ug/ml



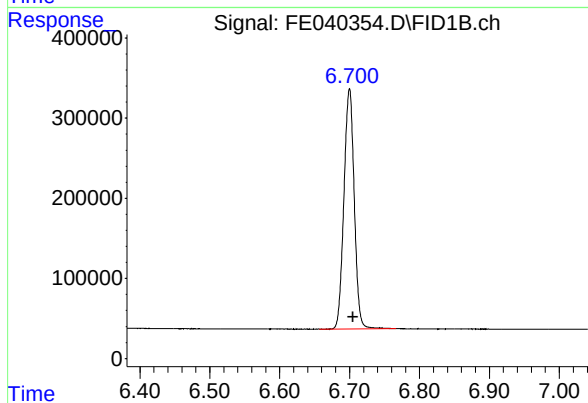
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.006 min
Response: 3018224
Conc: 22.72 ug/ml



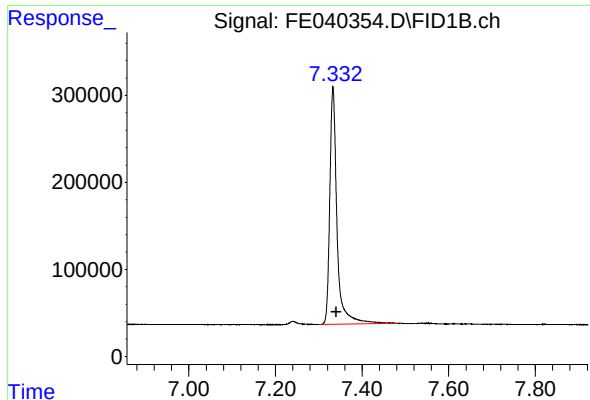
#3 A~Naphthalene (C11.7)

R.T.: 6.238 min
Delta R.T.: -0.008 min
Response: 3387724
Conc: 23.15 ug/ml



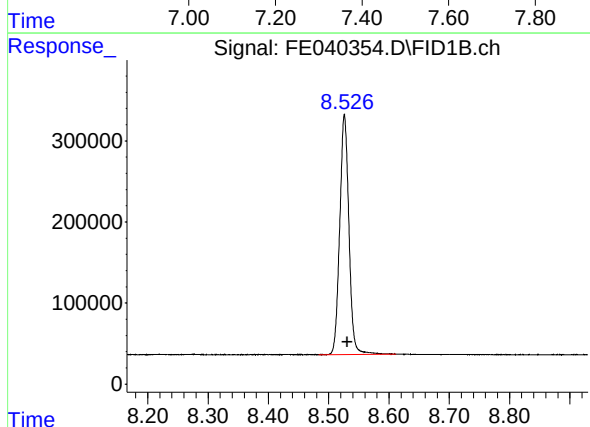
#4 n-Dodecane (C12)

R.T.: 6.700 min
Delta R.T.: -0.005 min
Response: 3069940
Conc: 22.80 ug/ml



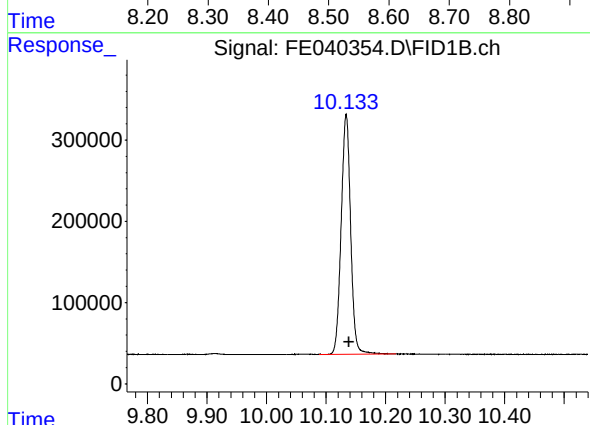
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.333 min
Delta R.T.: -0.008 min
Response: 3167896
Conc: 23.40 ug/ml



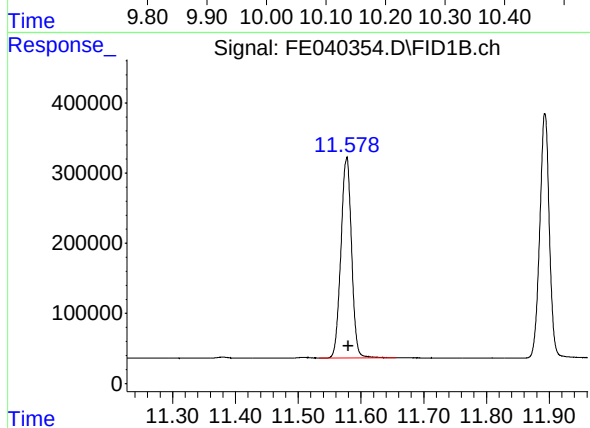
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.004 min
Response: 3127548
Conc: 22.69 ug/ml



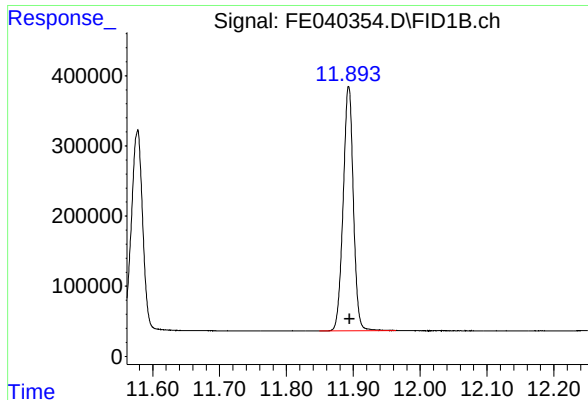
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.004 min
Response: 3257979
Conc: 22.70 ug/ml



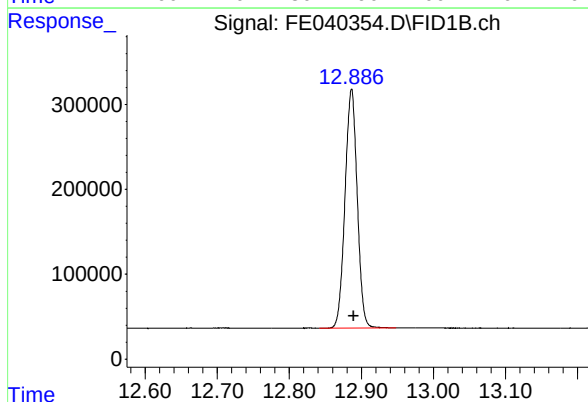
#8 n-Octadecane (C18)

R.T.: 11.577 min
Delta R.T.: -0.002 min
Response: 3367522
Conc: 22.64 ug/ml



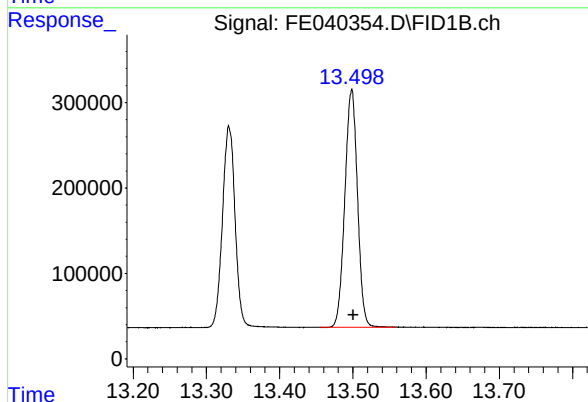
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.001 min
Response: 3693405
Conc: 22.82 ug/ml



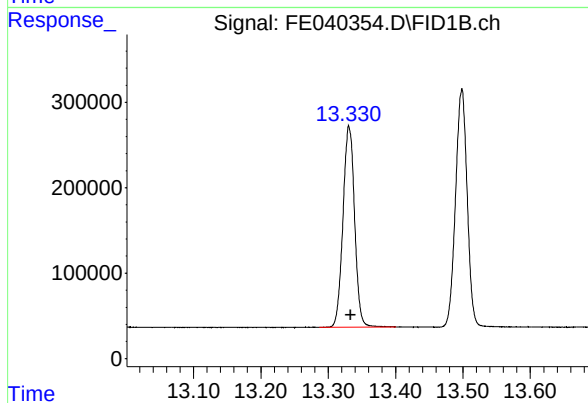
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.003 min
Response: 3314862
Conc: 22.55 ug/ml



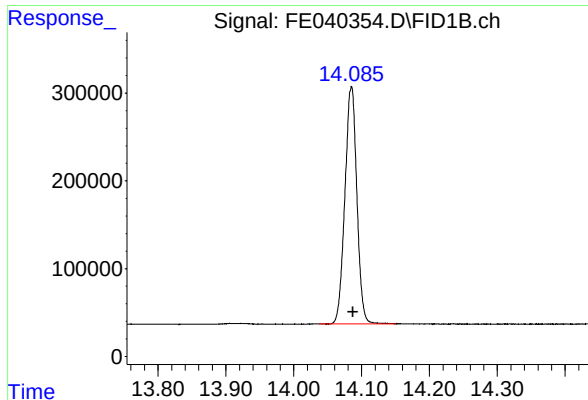
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.002 min
Response: 3340409
Conc: 22.65 ug/ml



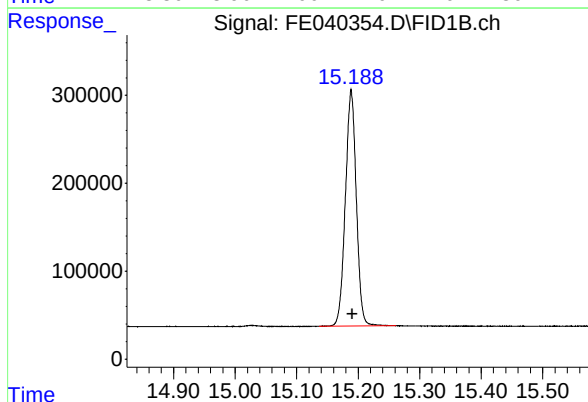
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.003 min
Response: 2823609
Conc: 22.77 ug/ml



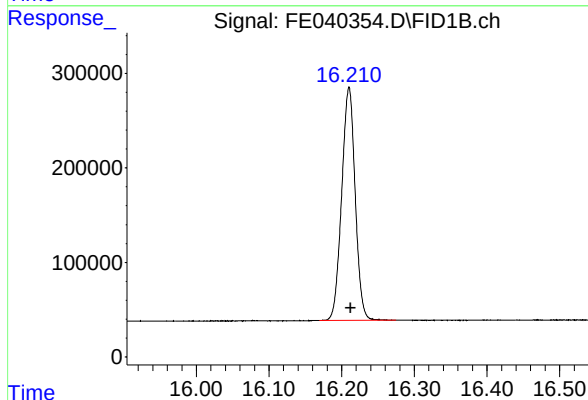
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.002 min
Response: 3303650
Conc: 22.30 ug/ml



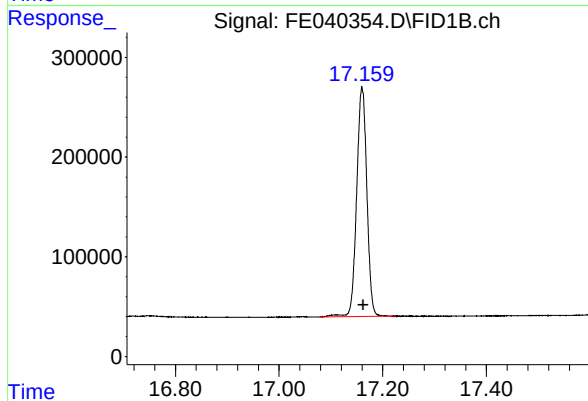
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.002 min
Response: 3316843
Conc: 21.85 ug/ml



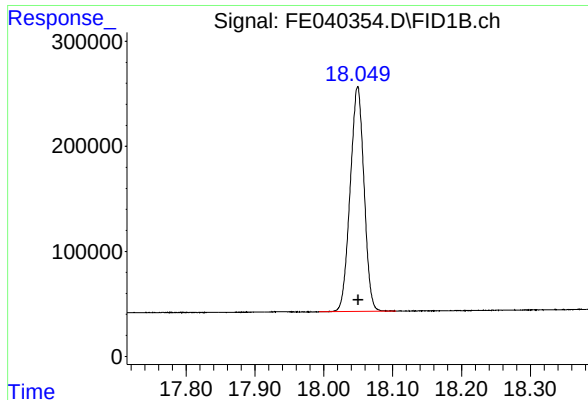
#15 n-Hexacosane (C26)

R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 3184591
Conc: 21.48 ug/ml



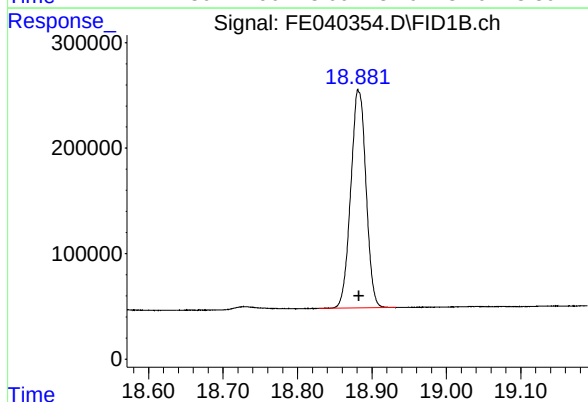
#16 n-Octacosane (C28)

R.T.: 17.160 min
Delta R.T.: -0.002 min
Response: 3144338
Conc: 20.98 ug/ml



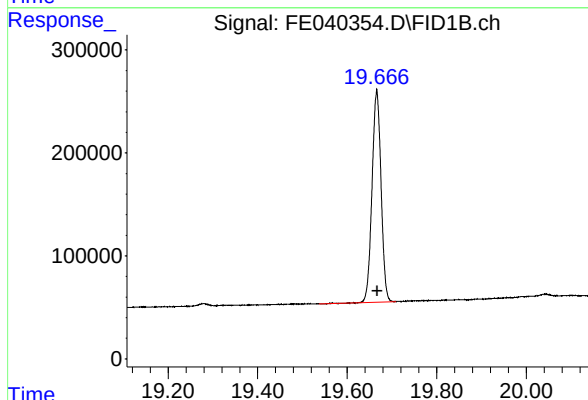
#17 n-Tricontane (C30)

R.T.: 18.049 min
Delta R.T.: 0.000 min
Response: 2992967
Conc: 20.28 ug/ml



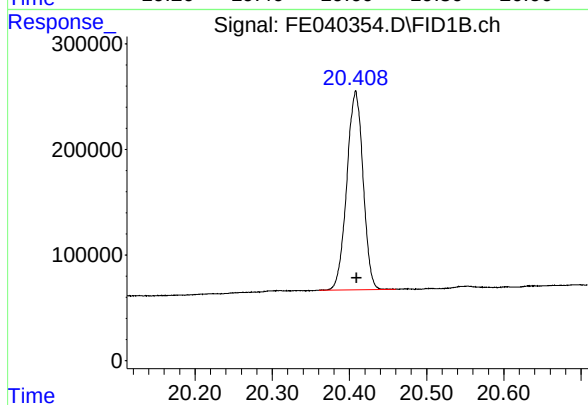
#18 n-Dotriacontane (C32)

R.T.: 18.882 min
Delta R.T.: 0.000 min
Response: 2943116
Conc: 20.10 ug/ml



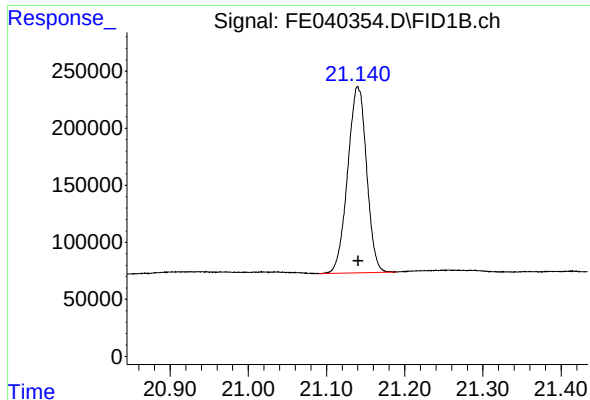
#19 n-Tetratriacontane (C34)

R.T.: 19.666 min
Delta R.T.: -0.002 min
Response: 2875621
Conc: 20.91 ug/ml



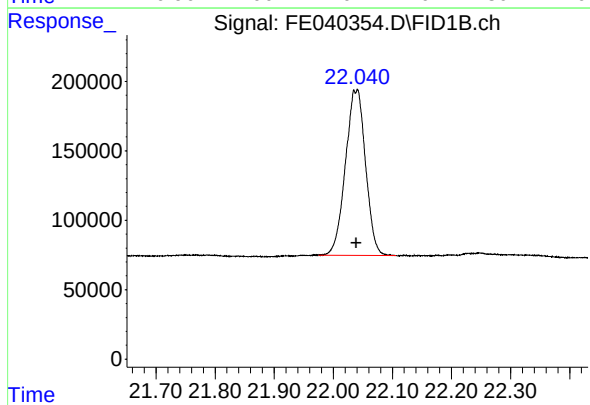
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.001 min
Response: 2752848
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.140 min
Delta R.T.: -0.001 min
Response: 2743281
Conc: 21.15 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.040 min
Delta R.T.: 0.002 min
Response: 2823655
Conc: 21.27 ug/ml m