

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120823AL\
 Data File : FE045747.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2023 21:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 22:45:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.857	4044032	19.339 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
12) S 1-chlorooctadecane (S...	13.300	2986184	18.979 ug/ml
Spiked Amount 50.000		Recovery =	37.96%
Target Compounds			
1) T n-Nonane (C9)	3.242	3342358	21.077 ug/mlm
2) T n-Decane (C10)	4.494	3431772	21.431 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3731379	21.421 ug/ml
4) T n-Dodecane (C12)	6.661	3464863	21.450 ug/ml
5) T A~2-methylnaphthalene...	7.291	3633073	21.394 ug/ml
6) T n-Tetradecane (C14)	8.488	3439911	21.443 ug/ml
7) T n-Hexadecane (C16)	10.098	3489458	21.072 ug/ml
8) T n-Octadecane (C18)	11.544	3480557	20.301 ug/ml
10) T n-Eicosane (C20)	12.855	3347556	19.348 ug/ml
11) T n-Heneicosane (C21)	13.467	3258710	18.943 ug/ml
13) T n-Docosane (C22)	14.054	3228136	18.722 ug/ml
14) T n-Tetracosane (C24)	15.160	3190453	18.275 ug/ml
15) T n-Hexacosane (C26)	16.183	3114135	17.882 ug/ml
16) T n-Octacosane (C28)	17.135	3112633	18.009 ug/ml
17) T n-Tricontane (C30)	18.025	3205658	18.324 ug/ml
18) T n-Dotriacontane (C32)	18.861	3230732	17.709 ug/mlm
19) T n-Tetratriacontane (C34)	19.645	3066098	18.478 ug/ml
20) T n-Hexatriacontane (C36)	20.388	2965282	18.680 ug/ml
21) T n-Octatriacontane (C38)	21.122	3127325	19.942 ug/ml
22) T n-Tetracontane (C40)	22.026	3271330	23.019 ug/ml

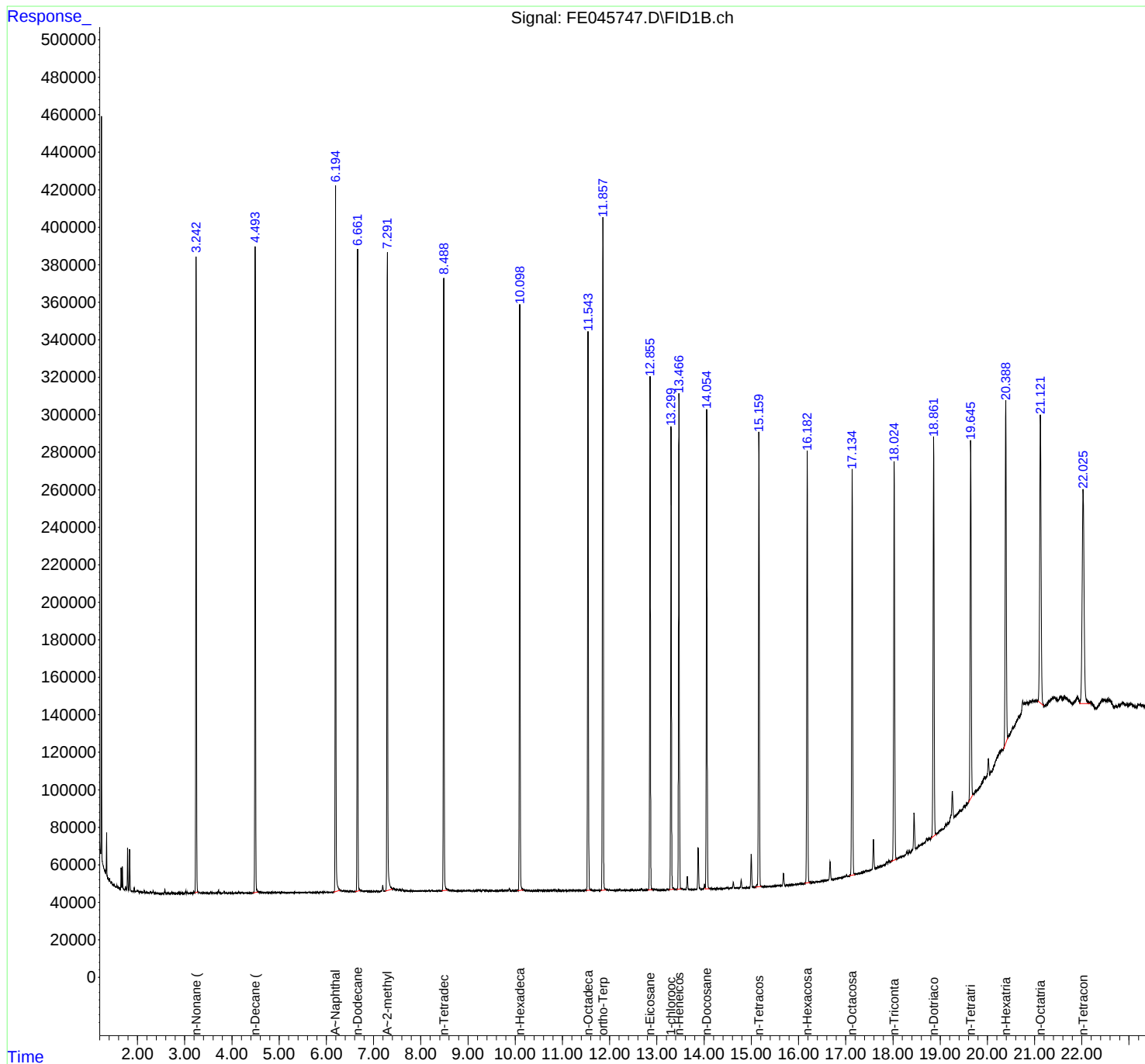
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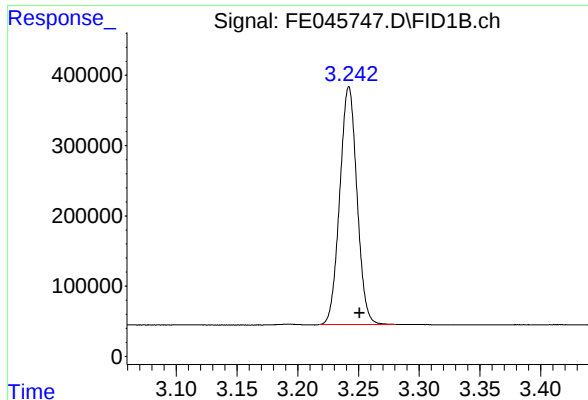
(m)=manual int.

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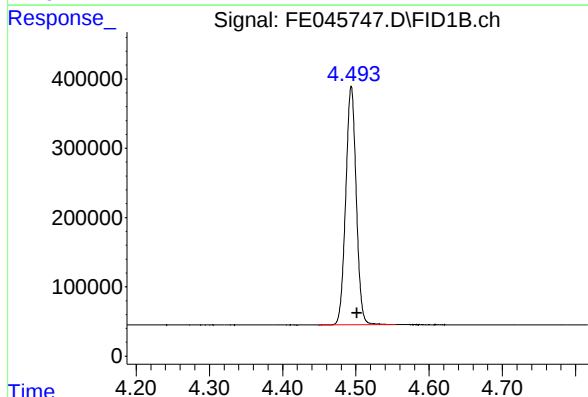
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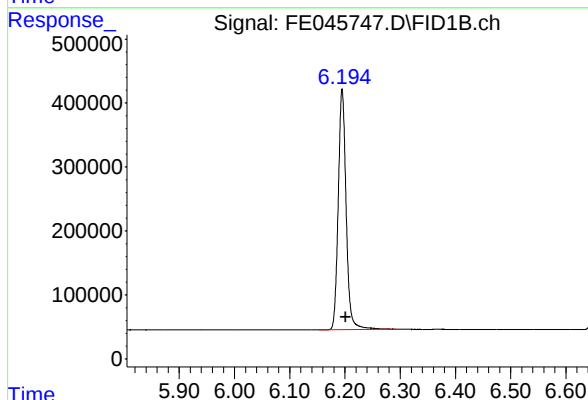
#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: -0.009 min
Response: 3342358
Conc: 21.08 ug/ml m



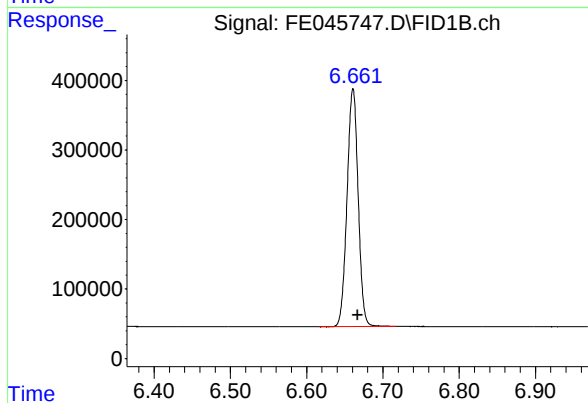
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.008 min
Response: 3431772
Conc: 21.43 ug/ml



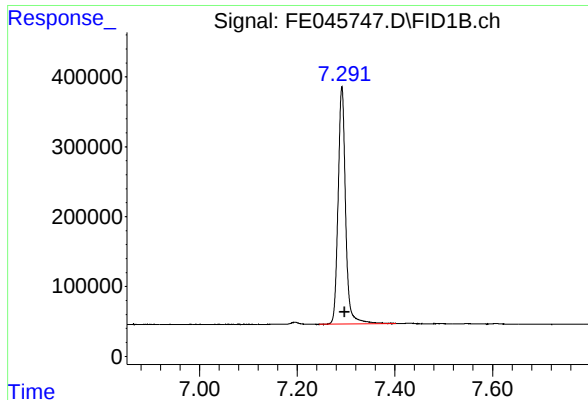
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.007 min
Response: 3731379
Conc: 21.42 ug/ml



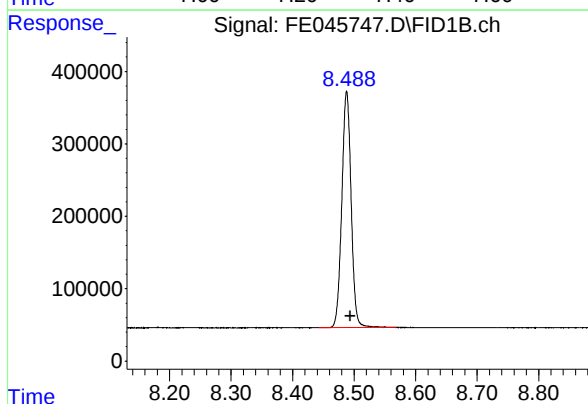
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.006 min
Response: 3464863
Conc: 21.45 ug/ml



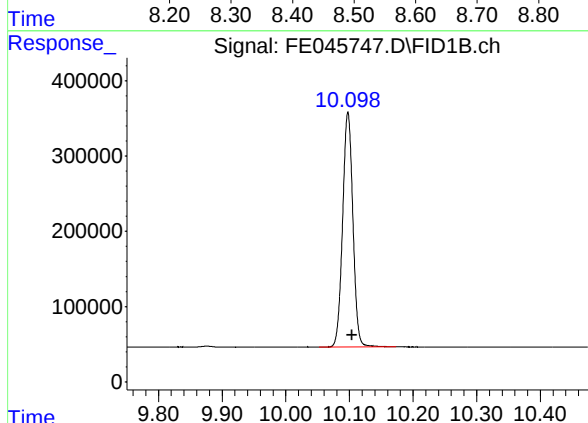
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 3633073
Conc: 21.39 ug/ml



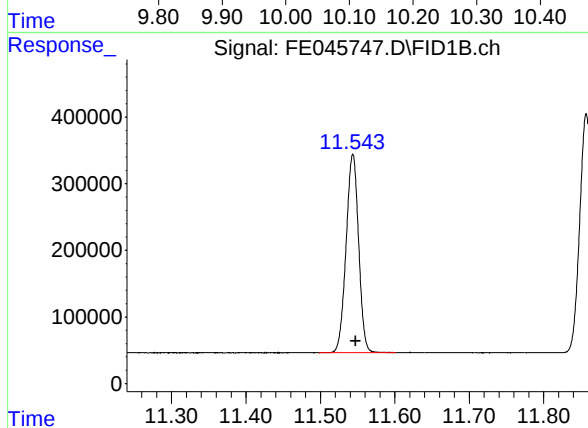
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.006 min
Response: 3439911
Conc: 21.44 ug/ml



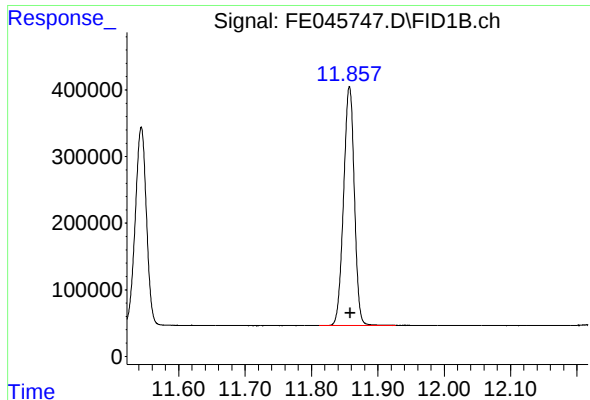
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.006 min
Response: 3489458
Conc: 21.07 ug/ml



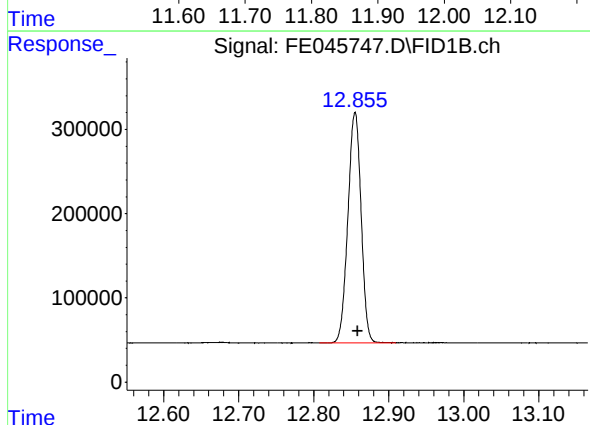
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.004 min
Response: 3480557
Conc: 20.30 ug/ml



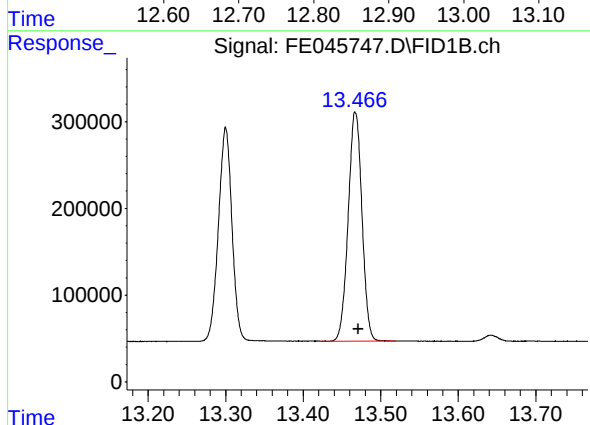
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.002 min
Response: 4044032
Conc: 19.34 ug/ml



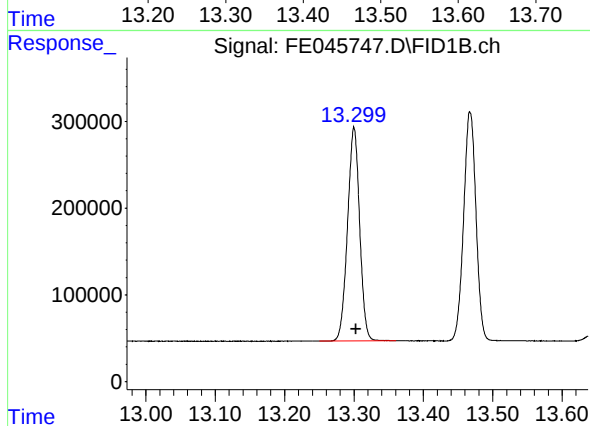
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: -0.003 min
Response: 3347556
Conc: 19.35 ug/ml



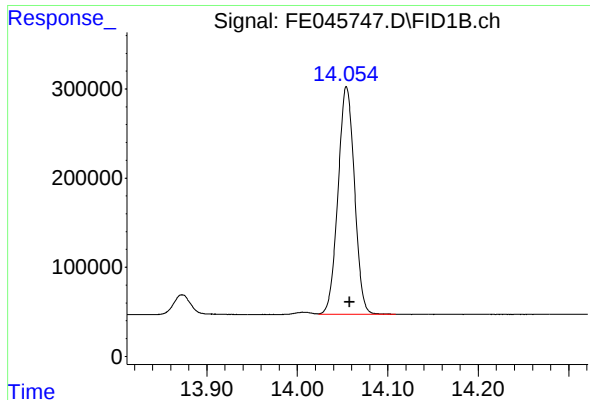
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.004 min
Response: 3258710
Conc: 18.94 ug/ml



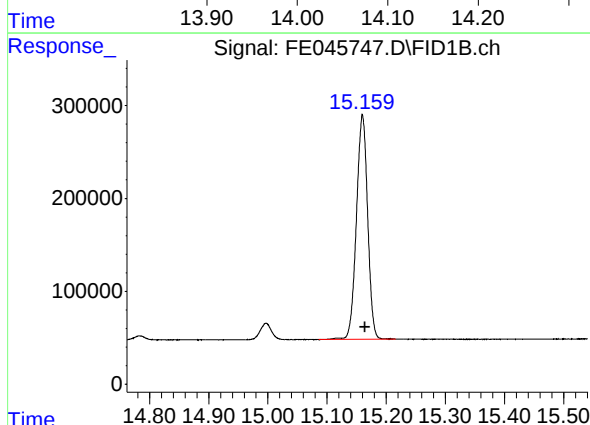
#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: -0.003 min
Response: 2986184
Conc: 18.98 ug/ml



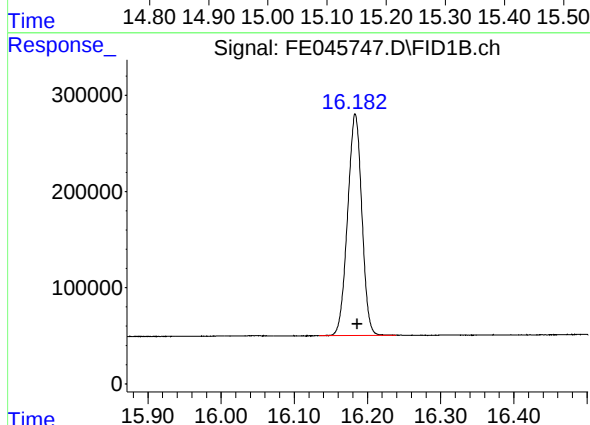
#13 n-Docosane (C22)

R.T.: 14.054 min
Delta R.T.: -0.004 min
Response: 3228136
Conc: 18.72 ug/ml



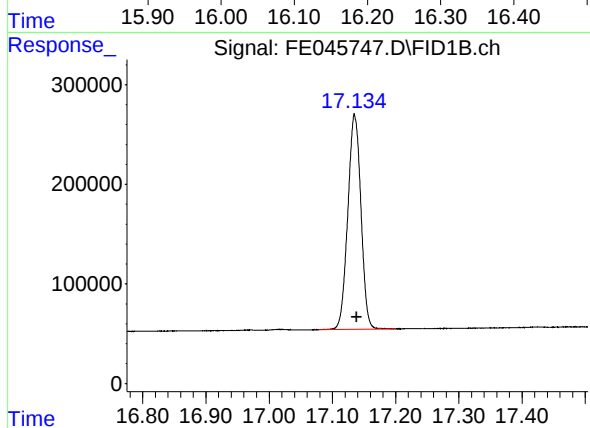
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.004 min
Response: 3190453
Conc: 18.28 ug/ml



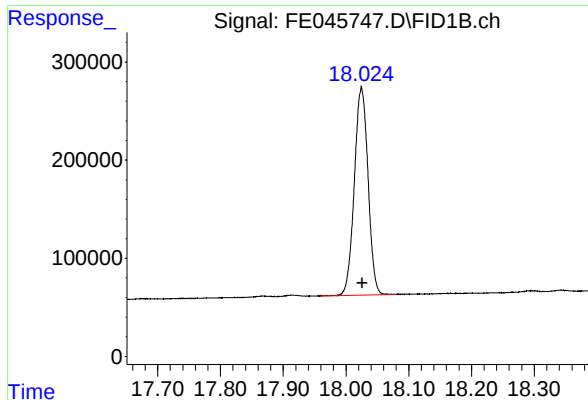
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.003 min
Response: 3114135
Conc: 17.88 ug/ml



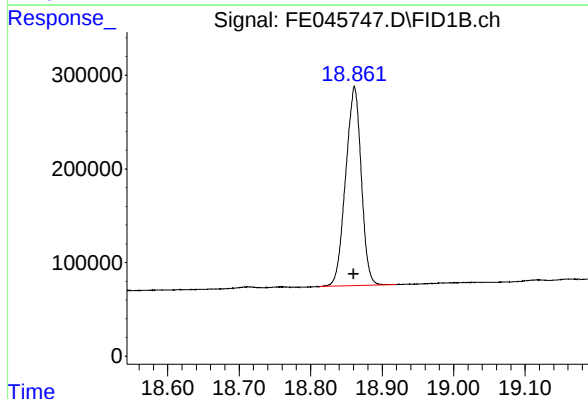
#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.003 min
Response: 3112633
Conc: 18.01 ug/ml



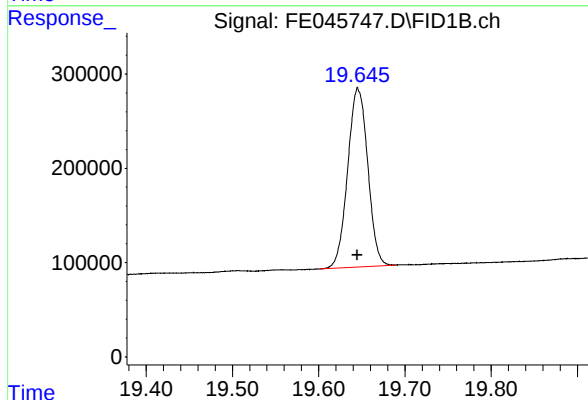
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: -0.001 min
Response: 3205658
Conc: 18.32 ug/ml



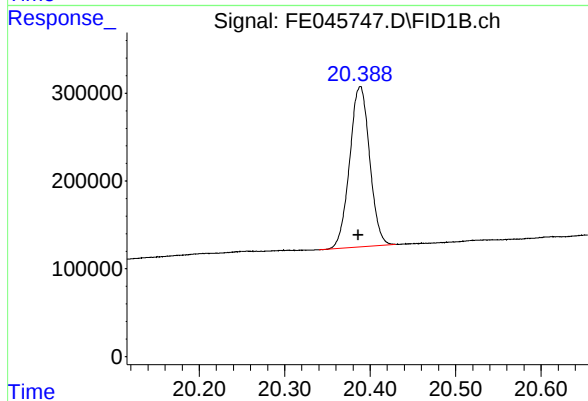
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: 0.000 min
Response: 3230732
Conc: 17.71 ug/ml m



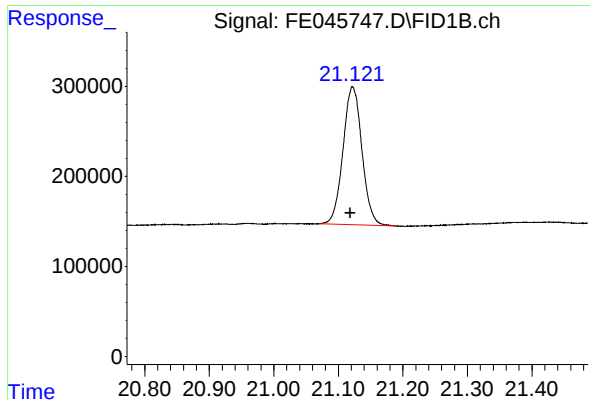
#19 n-Tetatriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 3066098
Conc: 18.48 ug/ml



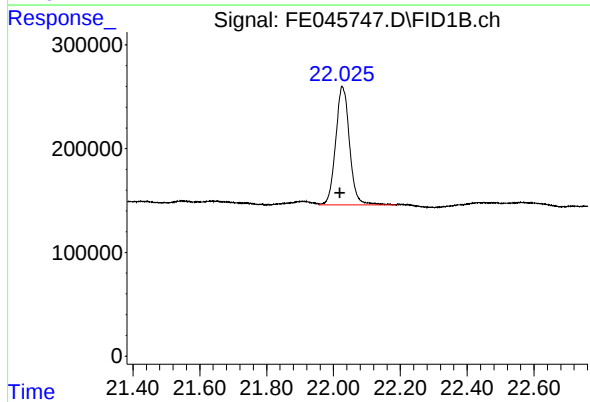
#20 n-Hexatriacontane (C36)

R.T.: 20.388 min
Delta R.T.: 0.002 min
Response: 2965282
Conc: 18.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.122 min
Delta R.T.: 0.003 min
Response: 3127325
Conc: 19.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: 0.006 min
Response: 3271330
Conc: 23.02 ug/ml