

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120823AL\
 Data File : FE045727.D
 Signal(s) : FID1B.ch
 Acq On : 08 Dec 2023 01:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 08 22:42:07 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	4025652	19.251 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
12) S 1-chlorooctadecane (S...	13.300	2973781	18.900 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T n-Nonane (C9)	3.243	3312486	20.889 ug/ml
2) T n-Decane (C10)	4.494	3403786	21.256 ug/ml
3) T A~Naphthalene (C11.7)	6.195	3697236	21.225 ug/ml
4) T n-Dodecane (C12)	6.661	3429625	21.232 ug/ml
5) T A~2-methylnaphthalene...	7.291	3593722	21.162 ug/ml
6) T n-Tetradecane (C14)	8.489	3396856	21.174 ug/ml
7) T n-Hexadecane (C16)	10.098	3448787	20.827 ug/ml
8) T n-Octadecane (C18)	11.544	3447120	20.106 ug/ml
10) T n-Eicosane (C20)	12.856	3319178	19.184 ug/ml
11) T n-Heneicosane (C21)	13.468	3242713	18.850 ug/ml
13) T n-Docosane (C22)	14.056	3189153	18.496 ug/ml
14) T n-Tetracosane (C24)	15.161	3107121	17.798 ug/ml
15) T n-Hexacosane (C26)	16.183	3014029	17.307 ug/ml
16) T n-Octacosane (C28)	17.137	2970709	17.188 ug/ml
17) T n-Tricontane (C30)	18.027	3028571	17.311 ug/ml
18) T n-Dotriacontane (C32)	18.860	3035970	16.641 ug/ml
19) T n-Tetratriacontane (C34)	19.646	2941898	17.730 ug/ml
20) T n-Hexatriacontane (C36)	20.389	2899121	18.264 ug/ml
21) T n-Octatriacontane (C38)	21.123	3007098	19.176 ug/ml
22) T n-Tetracontane (C40)	22.027	3018324	21.239 ug/ml

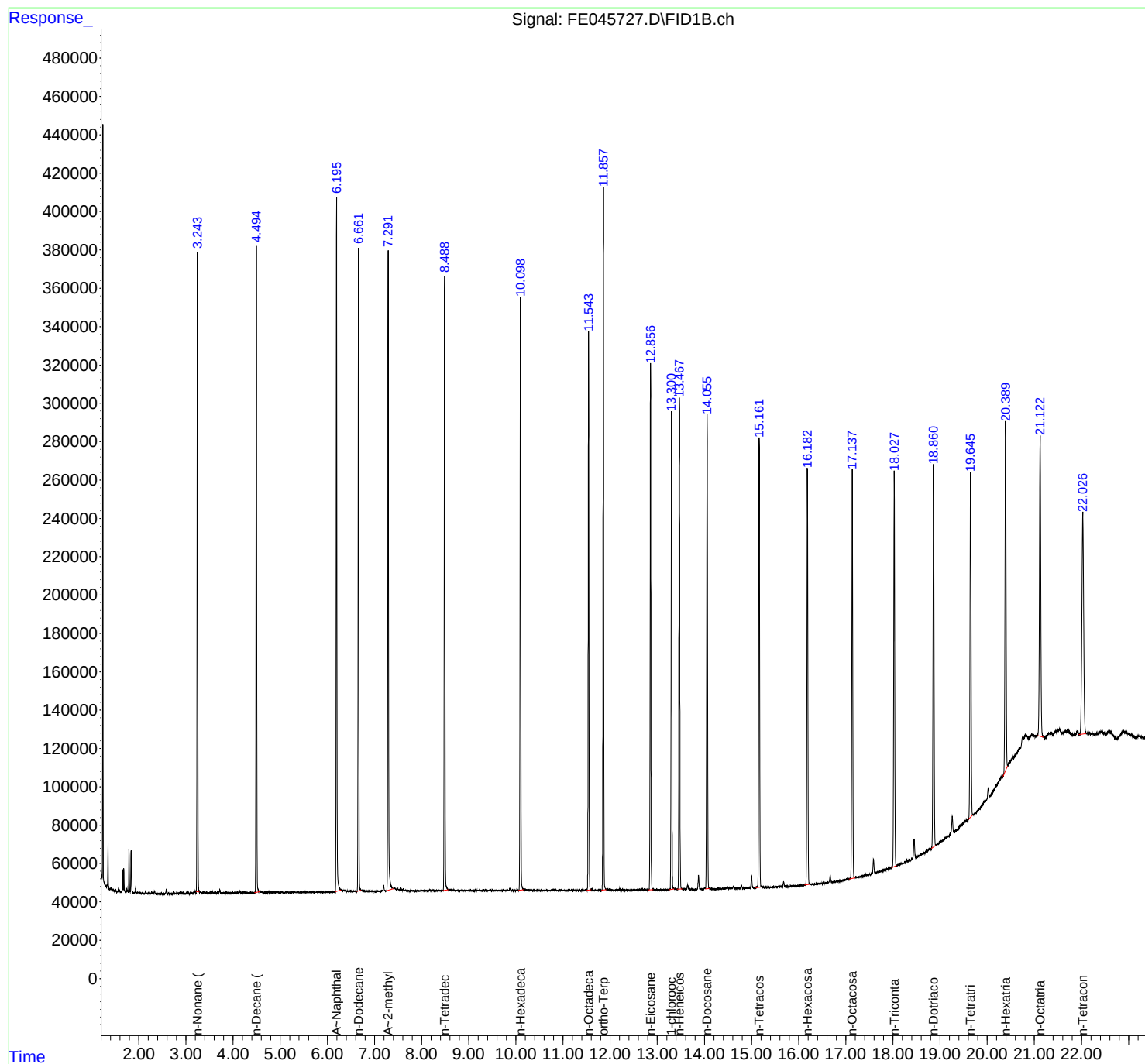
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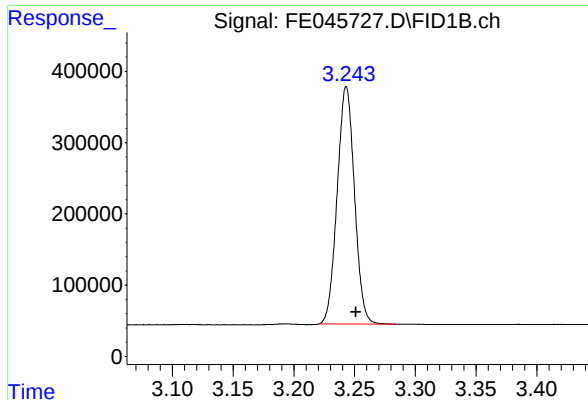
(m)=manual int.

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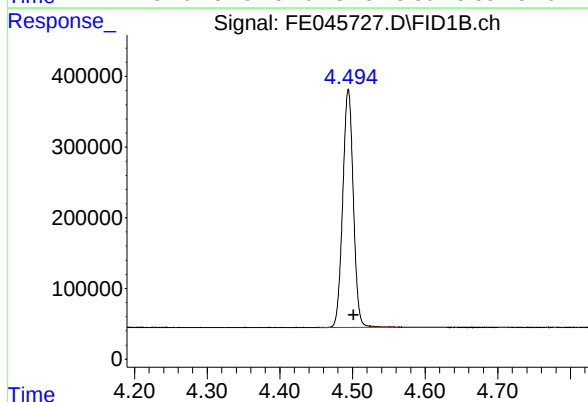
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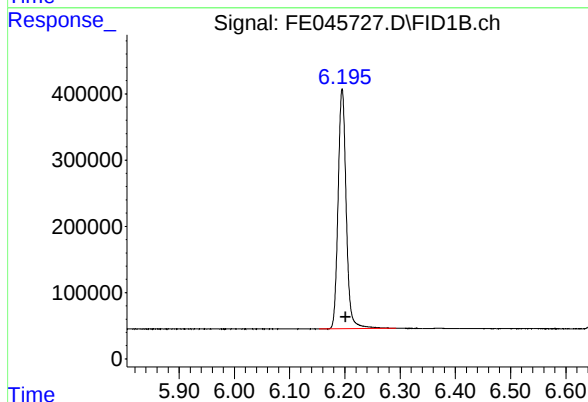
#1 n-Nonane (C9)

R.T.: 3.243 min
Delta R.T.: -0.008 min
Response: 3312486
Conc: 20.89 ug/ml



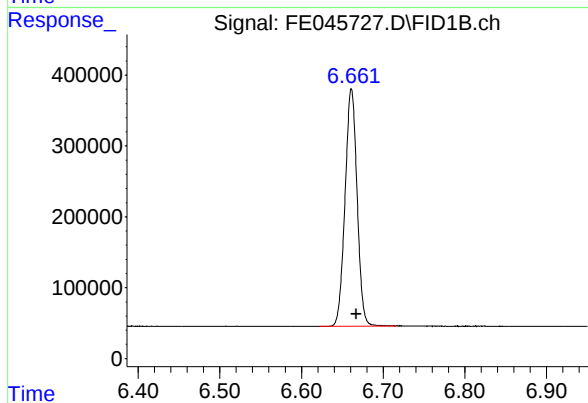
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.007 min
Response: 3403786
Conc: 21.26 ug/ml



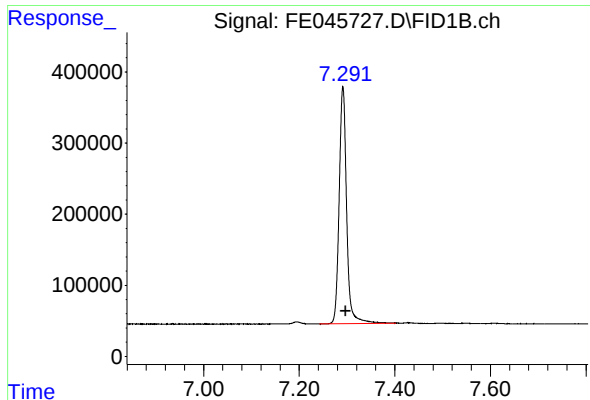
#3 A~Naphthalene (C11.7)

R.T.: 6.195 min
Delta R.T.: -0.006 min
Response: 3697236
Conc: 21.22 ug/ml



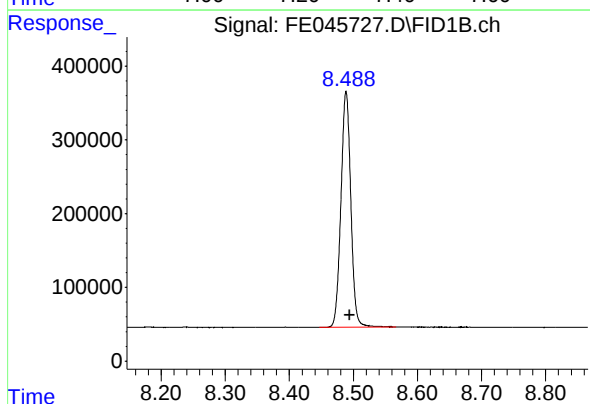
#4 n-Dodecane (C12)

R.T.: 6.661 min
Delta R.T.: -0.006 min
Response: 3429625
Conc: 21.23 ug/ml



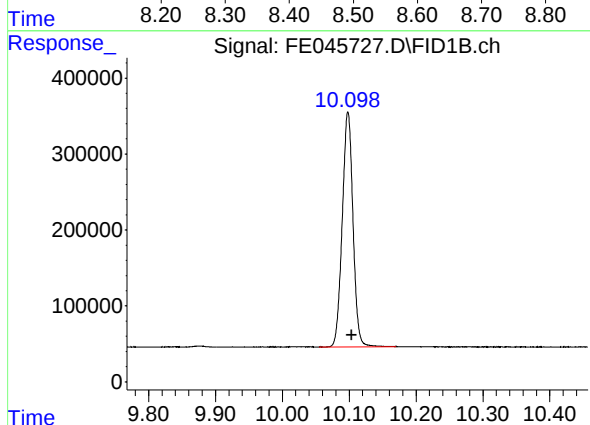
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.291 min
Delta R.T.: -0.006 min
Response: 3593722
Conc: 21.16 ug/ml



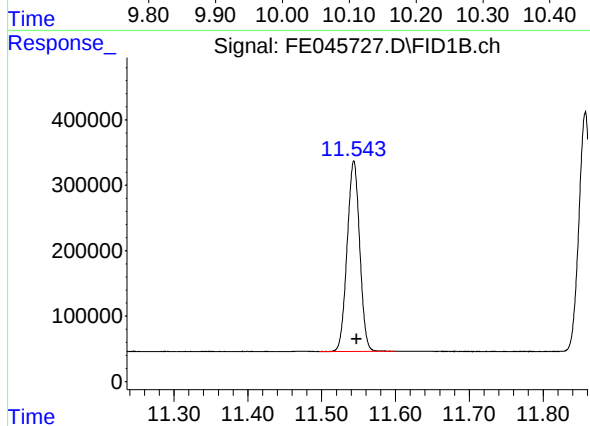
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.006 min
Response: 3396856
Conc: 21.17 ug/ml



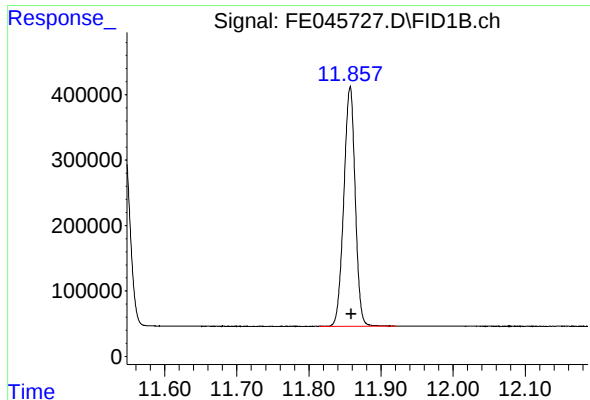
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.006 min
Response: 3448787
Conc: 20.83 ug/ml



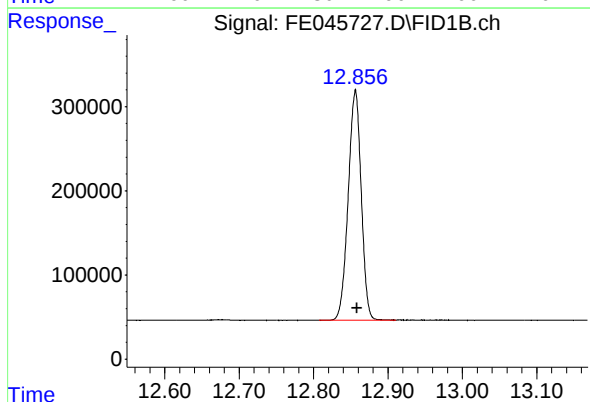
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.004 min
Response: 3447120
Conc: 20.11 ug/ml



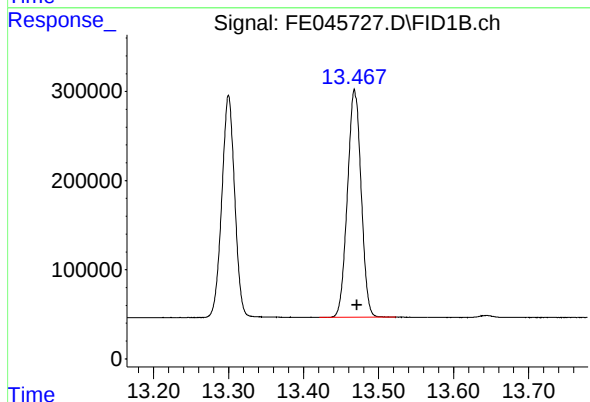
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.002 min
Response: 4025652
Conc: 19.25 ug/ml



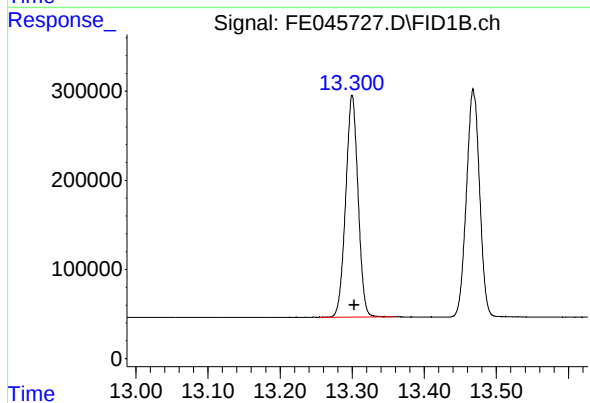
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.002 min
Response: 3319178
Conc: 19.18 ug/ml



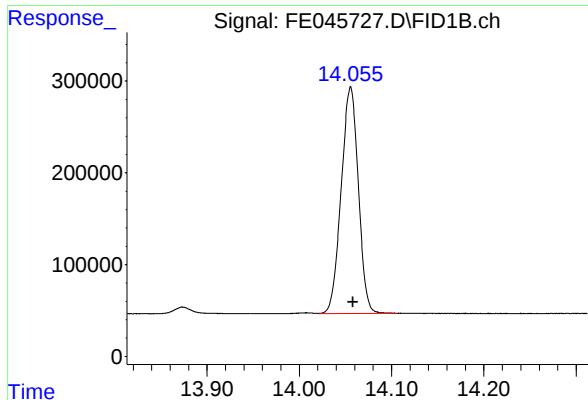
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.003 min
Response: 3242713
Conc: 18.85 ug/ml



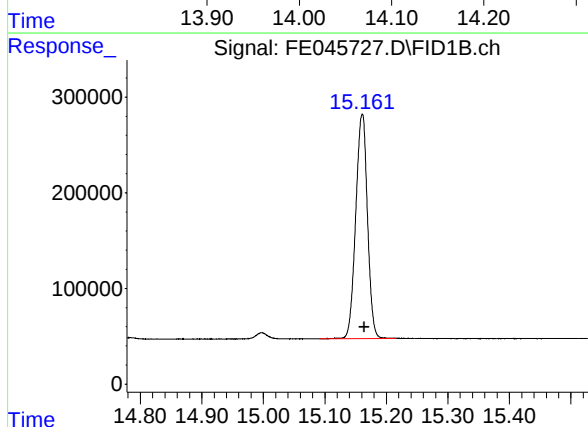
#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: -0.003 min
Response: 2973781
Conc: 18.90 ug/ml



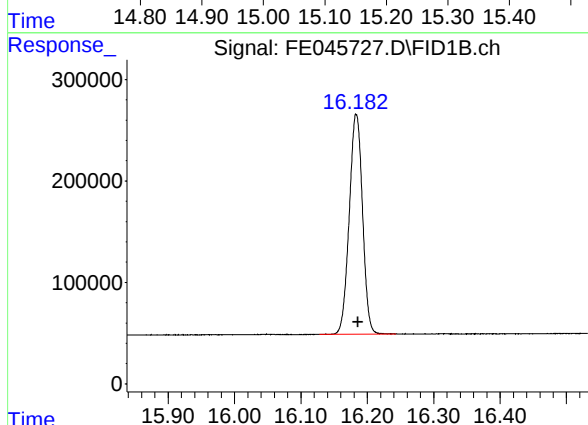
#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: -0.003 min
Response: 3189153
Conc: 18.50 ug/ml



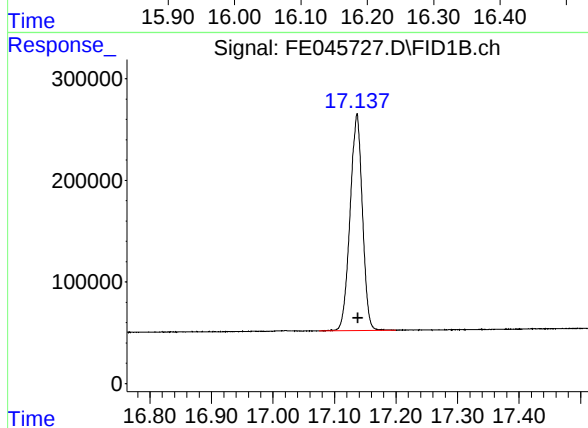
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.003 min
Response: 3107121
Conc: 17.80 ug/ml



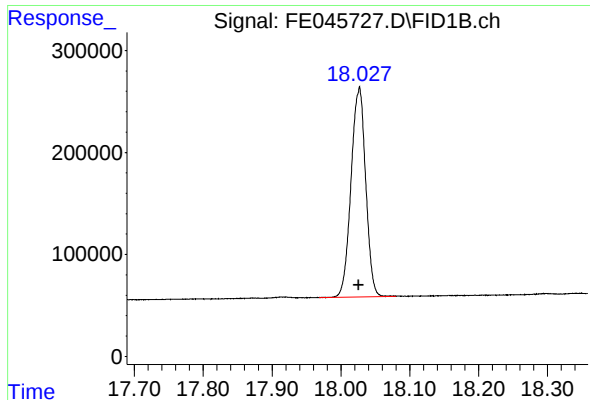
#15 n-Hexacosane (C26)

R.T.: 16.183 min
Delta R.T.: -0.003 min
Response: 3014029
Conc: 17.31 ug/ml



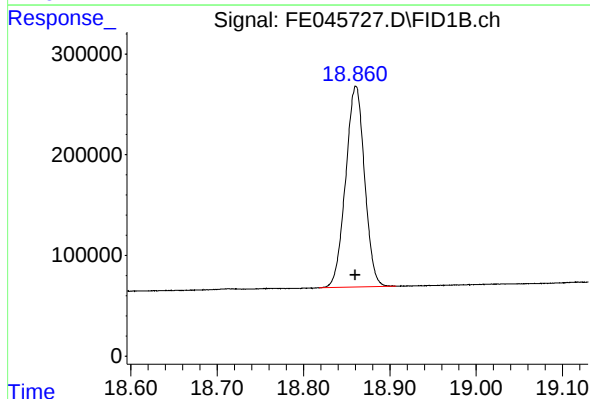
#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.002 min
Response: 2970709
Conc: 17.19 ug/ml



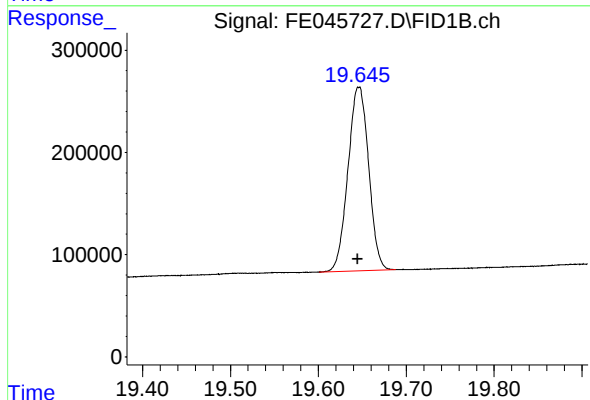
#17 n-Tricontane (C30)

R.T.: 18.027 min
Delta R.T.: 0.000 min
Response: 3028571
Conc: 17.31 ug/ml



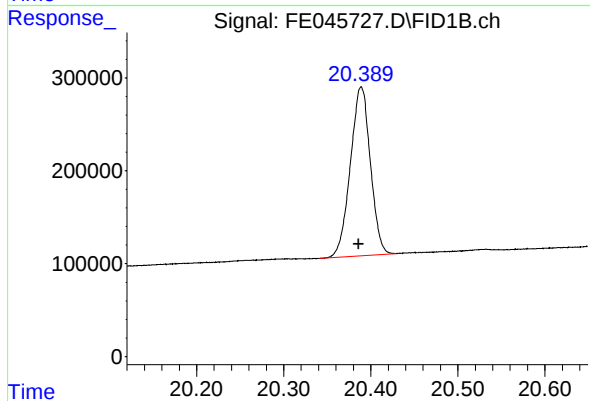
#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: 0.000 min
Response: 3035970
Conc: 16.64 ug/ml m



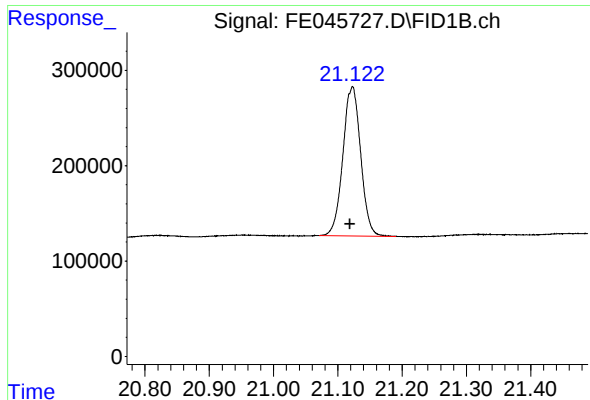
#19 n-Tetratriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.001 min
Response: 2941898
Conc: 17.73 ug/ml



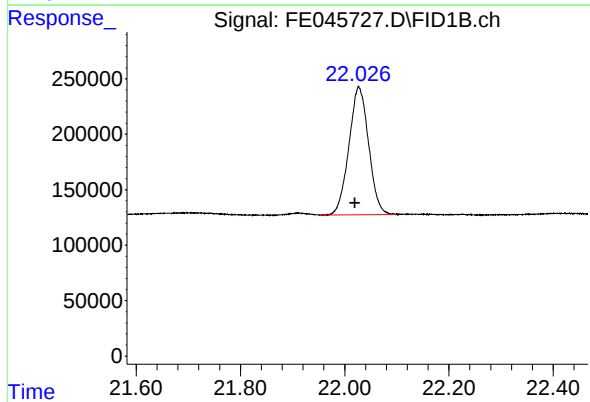
#20 n-Hexatriacontane (C36)

R.T.: 20.389 min
Delta R.T.: 0.003 min
Response: 2899121
Conc: 18.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: 0.004 min
Response: 3007098
Conc: 19.18 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.027 min
Delta R.T.: 0.007 min
Response: 3018324
Conc: 21.24 ug/ml