

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021224AL\
 Data File : FE046709.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2024 12:48
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Feb 12 13:32:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.808	3537856	19.133 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
12) S 1-chlorooctadecane (S...	13.250	2675159	18.803 ug/ml
Spiked Amount 50.000		Recovery =	37.61%
Target Compounds			
1) T n-Nonane (C9)	3.196	3277156	20.289 ug/mlm
2) T n-Decane (C10)	4.447	3432329	20.943 ug/ml
3) T A~Naphthalene (C11.7)	6.152	3532393	20.657 ug/ml
4) T n-Dodecane (C12)	6.615	3469483	20.975 ug/ml
5) T A~2-methylnaphthalene...	7.249	3328519	20.870 ug/ml
6) T n-Tetradecane (C14)	8.441	3387071	20.666 ug/ml
7) T n-Hexadecane (C16)	10.051	3442634	20.147 ug/ml
8) T n-Octadecane (C18)	11.494	3438050	19.721 ug/ml
10) T n-Eicosane (C20)	12.804	3249674	19.140 ug/ml
11) T n-Heneicosane (C21)	13.417	3162244	18.959 ug/ml
13) T n-Docosane (C22)	14.003	3138871	18.947 ug/ml
14) T n-Tetracosane (C24)	15.108	3115118	18.879 ug/ml
15) T n-Hexacosane (C26)	16.130	3059576	18.956 ug/ml
16) T n-Octacosane (C28)	17.081	3040197	19.367 ug/ml
17) T n-Tricontane (C30)	17.971	3142741	20.064 ug/ml
18) T n-Dotriacontane (C32)	18.805	3069092	20.304 ug/ml
19) T n-Tetratriacontane (C34)	19.590	2949773	20.797 ug/mlm
20) T n-Hexatriacontane (C36)	20.330	2780238	20.170 ug/mlm
21) T n-Octatriacontane (C38)	21.057	2797520	21.822 ug/ml
22) T n-Tetracontane (C40)	21.942	2778727	22.223 ug/mlm

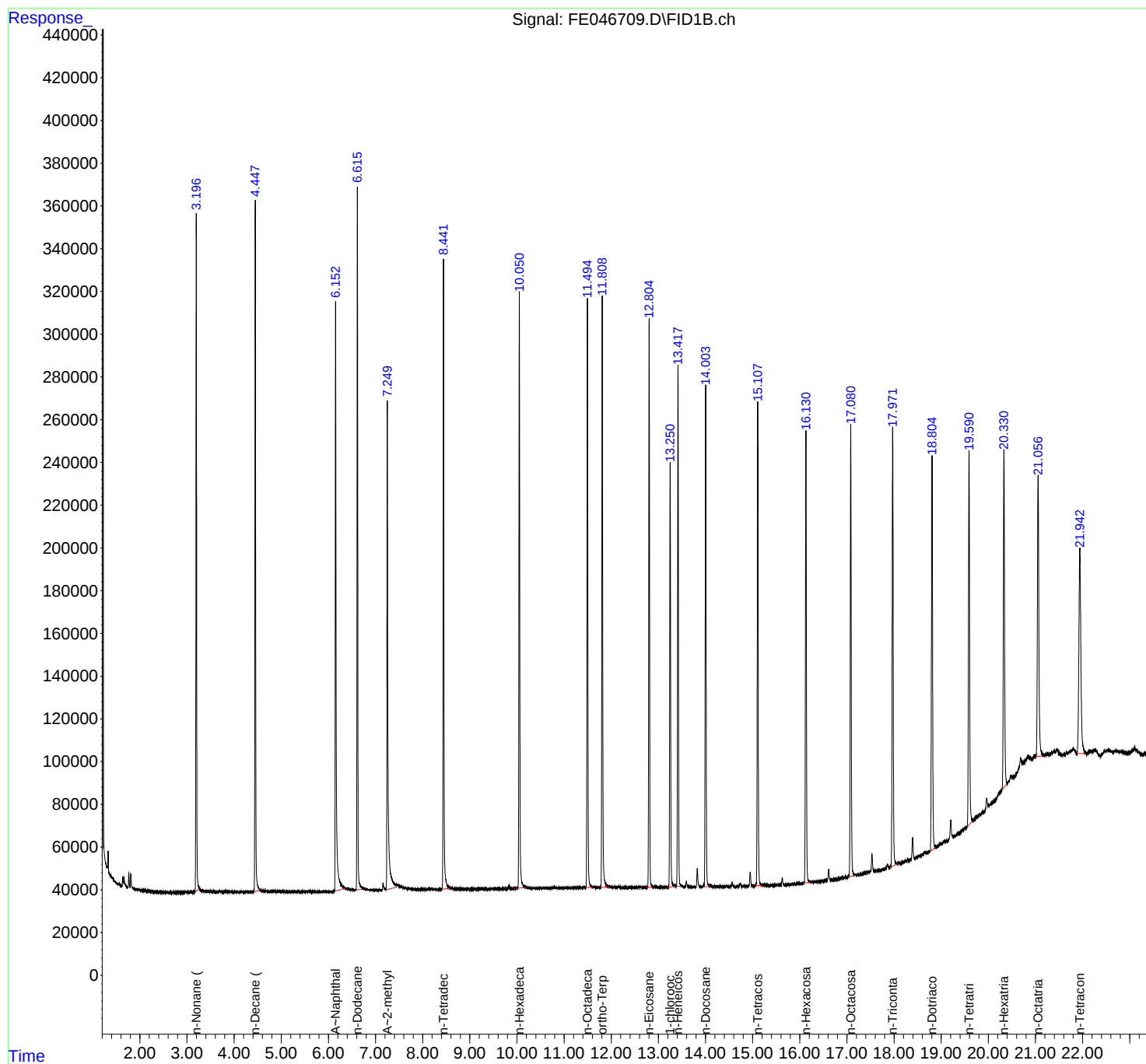
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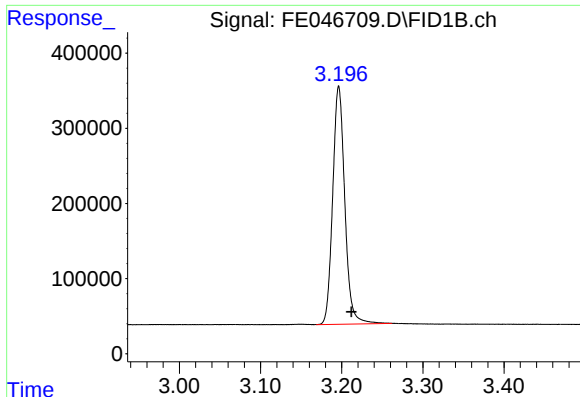
(m)=manual int.

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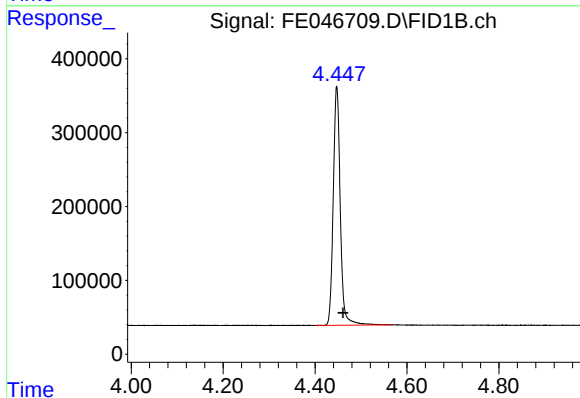
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Signal Info : 20M x 0.18mm x 0.18um





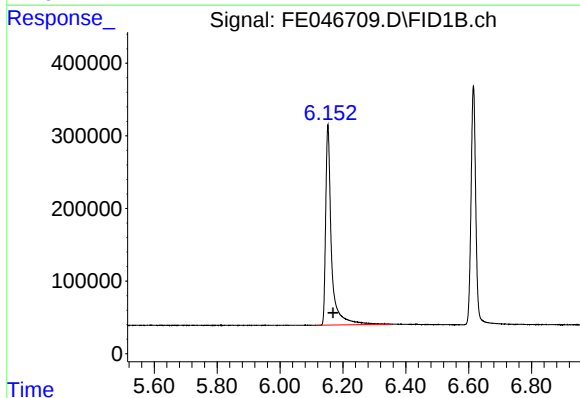
#1 n-Nonane (C9)

R.T.: 3.196 min
Delta R.T.: -0.016 min
Response: 3277156
Conc: 20.29 ug/ml m



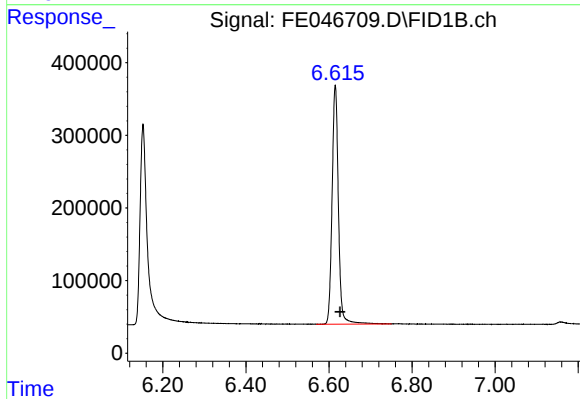
#2 n-Decane (C10)

R.T.: 4.447 min
Delta R.T.: -0.014 min
Response: 3432329
Conc: 20.94 ug/ml



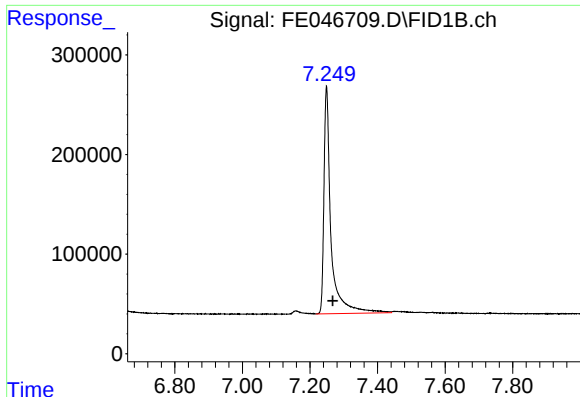
#3 A~Naphthalene (C11.7)

R.T.: 6.152 min
Delta R.T.: -0.016 min
Response: 3532393
Conc: 20.66 ug/ml



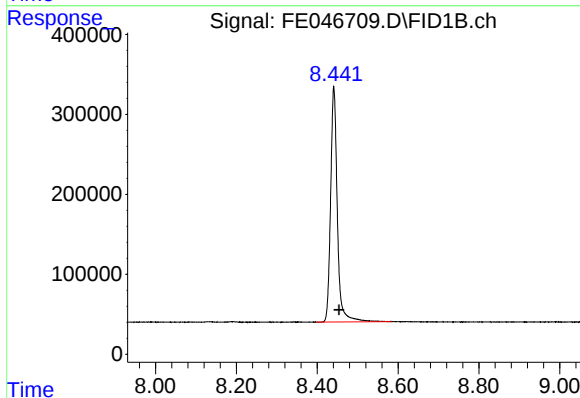
#4 n-Dodecane (C12)

R.T.: 6.615 min
Delta R.T.: -0.011 min
Response: 3469483
Conc: 20.97 ug/ml



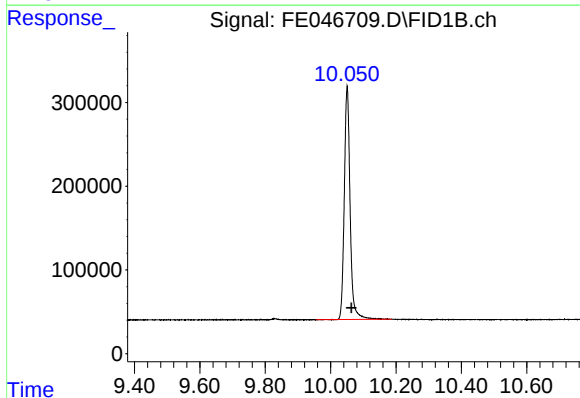
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.018 min
Response: 3328519
Conc: 20.87 ug/ml



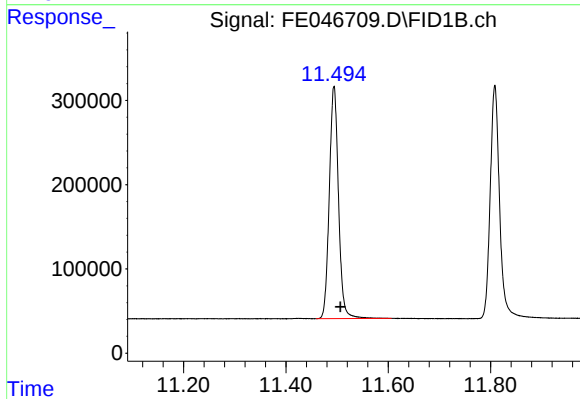
#6 n-Tetradecane (C14)

R.T.: 8.441 min
Delta R.T.: -0.013 min
Response: 3387071
Conc: 20.67 ug/ml



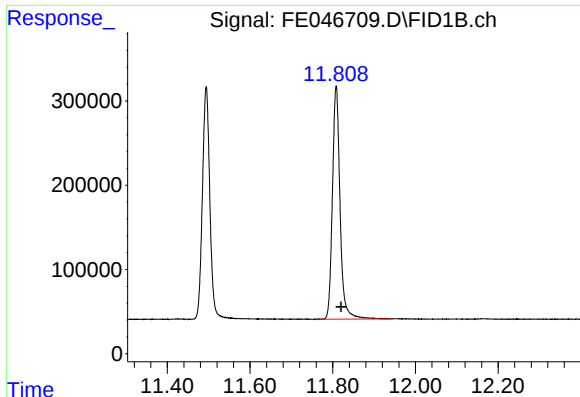
#7 n-Hexadecane (C16)

R.T.: 10.051 min
Delta R.T.: -0.013 min
Response: 3442634
Conc: 20.15 ug/ml



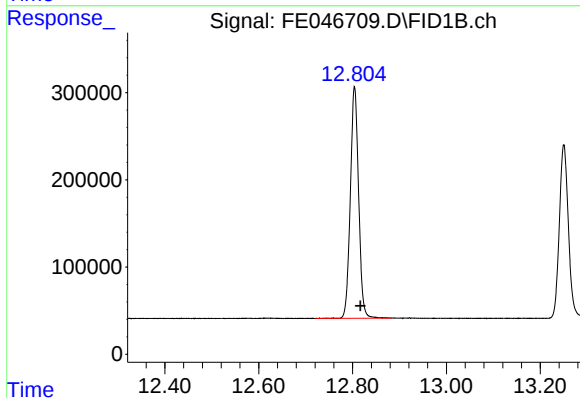
#8 n-Octadecane (C18)

R.T.: 11.494 min
Delta R.T.: -0.012 min
Response: 3438050
Conc: 19.72 ug/ml



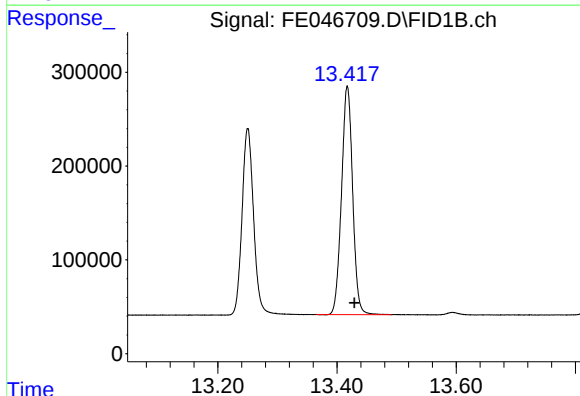
#9 ortho-Terphenyl (SURR)

R.T.: 11.808 min
Delta R.T.: -0.012 min
Response: 3537856
Conc: 19.13 ug/ml



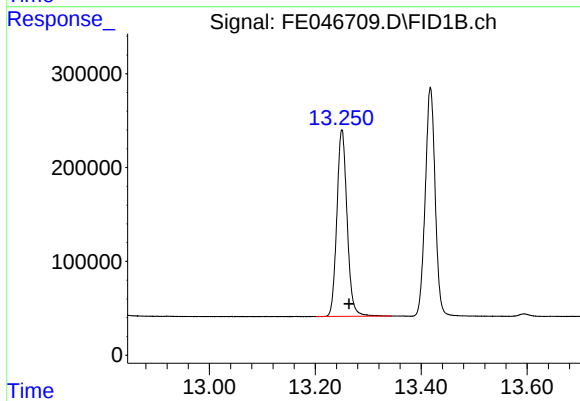
#10 n-Eicosane (C20)

R.T.: 12.804 min
Delta R.T.: -0.013 min
Response: 3249674
Conc: 19.14 ug/ml



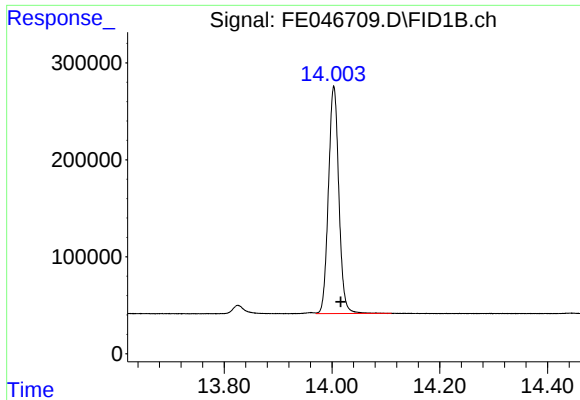
#11 n-Heneicosane (C21)

R.T.: 13.417 min
Delta R.T.: -0.012 min
Response: 3162244
Conc: 18.96 ug/ml



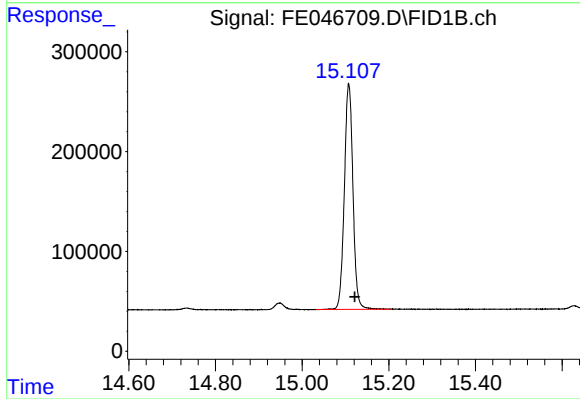
#12 1-chlorooctadecane (SURR)

R.T.: 13.250 min
Delta R.T.: -0.013 min
Response: 2675159
Conc: 18.80 ug/ml



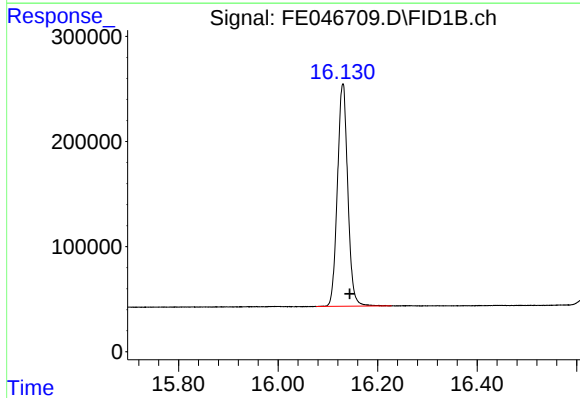
#13 n-Docosane (C22)

R.T.: 14.003 min
Delta R.T.: -0.013 min
Response: 3138871
Conc: 18.95 ug/ml



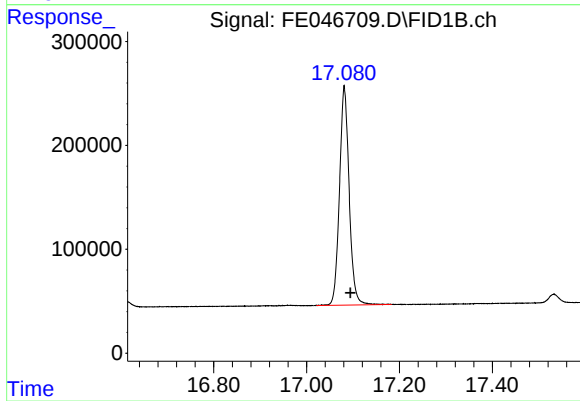
#14 n-Tetracosane (C24)

R.T.: 15.108 min
Delta R.T.: -0.013 min
Response: 3115118
Conc: 18.88 ug/ml



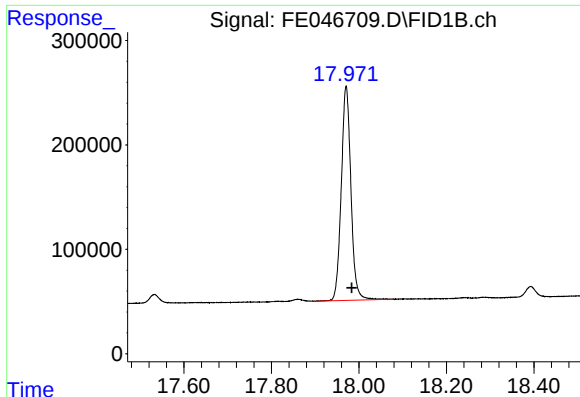
#15 n-Hexacosane (C26)

R.T.: 16.130 min
Delta R.T.: -0.013 min
Response: 3059576
Conc: 18.96 ug/ml



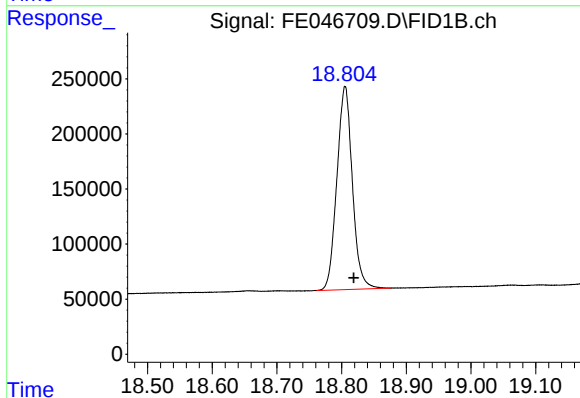
#16 n-Octacosane (C28)

R.T.: 17.081 min
Delta R.T.: -0.014 min
Response: 3040197
Conc: 19.37 ug/ml



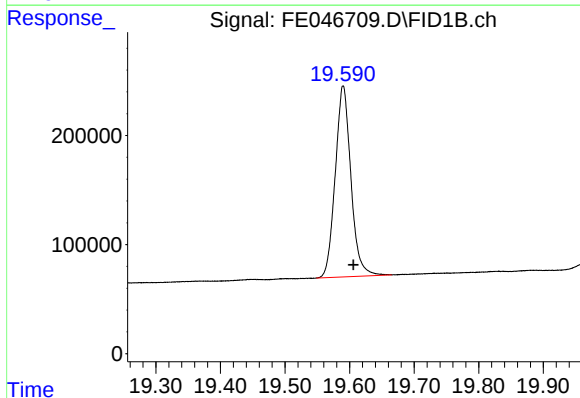
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.013 min
Response: 3142741
Conc: 20.06 ug/ml



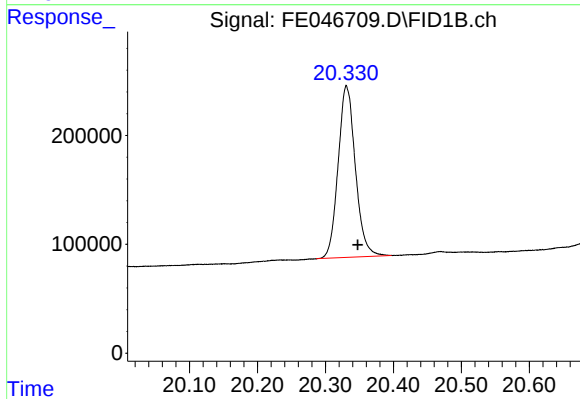
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.013 min
Response: 3069092
Conc: 20.30 ug/ml



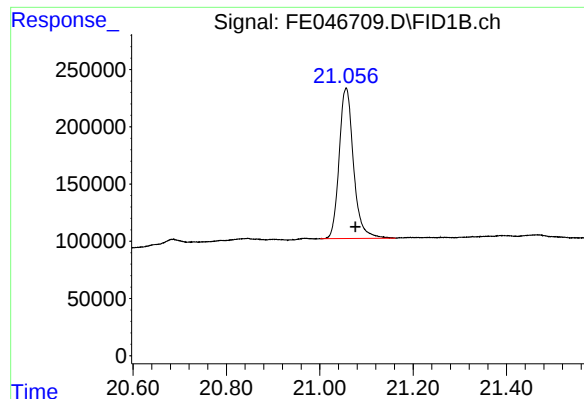
#19 n-Tetratriacontane (C34)

R.T.: 19.590 min
Delta R.T.: -0.016 min
Response: 2949773
Conc: 20.80 ug/ml m



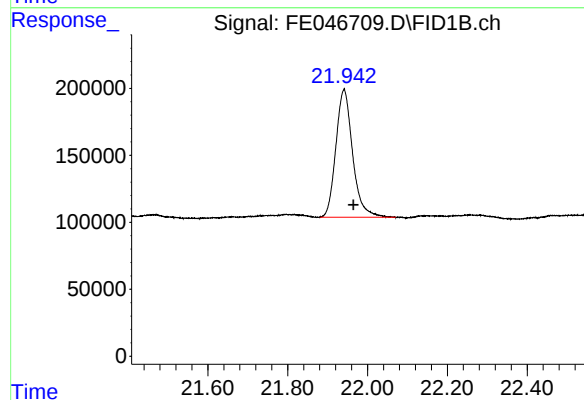
#20 n-Hexatriacontane (C36)

R.T.: 20.330 min
Delta R.T.: -0.017 min
Response: 2780238
Conc: 20.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.057 min
Delta R.T.: -0.020 min
Response: 2797520
Conc: 21.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.942 min
Delta R.T.: -0.023 min
Response: 2778727
Conc: 22.22 ug/ml m