

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102523AL\
 Data File : FE045035.D
 Signal(s) : FID1B.ch
 Acq On : 25 Oct 2023 15:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 25 16:02:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.895	3458720	17.253 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
12) S 1-chlorooctadecane (S...	13.336	2525685	17.067 ug/ml
Spiked Amount 50.000		Recovery =	34.13%
Target Compounds			
1) T n-Nonane (C9)	3.280	2803245	16.711 ug/ml
2) T n-Decane (C10)	4.532	2943611	17.280 ug/ml
3) T A~Naphthalene (C11.7)	6.232	3172842	17.140 ug/ml
4) T n-Dodecane (C12)	6.698	2975449	17.237 ug/ml
5) T A~2-methylnaphthalene...	7.328	3075333	17.048 ug/ml
6) T n-Tetradecane (C14)	8.524	2950944	17.209 ug/ml
7) T n-Hexadecane (C16)	10.135	3014135	17.237 ug/ml
8) T n-Octadecane (C18)	11.580	3016749	17.296 ug/ml
10) T n-Eicosane (C20)	12.891	2891174	17.309 ug/ml
11) T n-Heneicosane (C21)	13.504	2809111	17.233 ug/ml
13) T n-Docosane (C22)	14.092	2804216	17.531 ug/ml
14) T n-Tetracosane (C24)	15.196	2798344	18.031 ug/ml
15) T n-Hexacosane (C26)	16.218	2787851	18.569 ug/ml
16) T n-Octacosane (C28)	17.171	2902428	19.765 ug/ml
17) T n-Tricontane (C30)	18.059	3156678	21.224 ug/ml
18) T n-Dotriacontane (C32)	18.894	3286562	21.897 ug/ml
19) T n-Tetratriacontane (C34)	19.679	3057775	20.541 ug/ml
20) T n-Hexatriacontane (C36)	20.420	3214377	20.908 ug/ml
21) T n-Octatriacontane (C38)	21.159	3406754	21.809 ug/ml
22) T n-Tetracontane (C40)	22.072	3346677	20.025 ug/ml

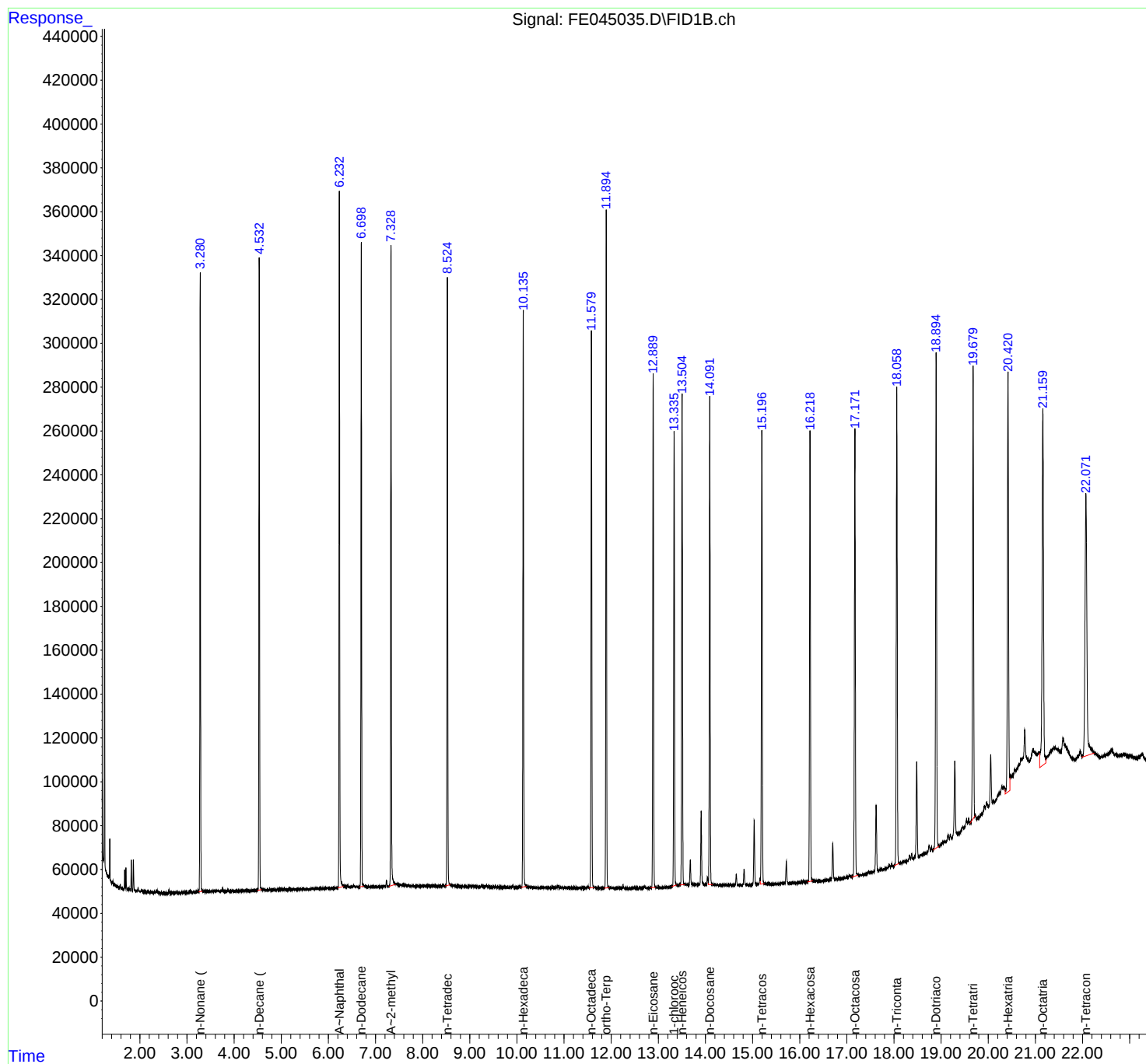
(f)=RT Delta > 1/2 Window

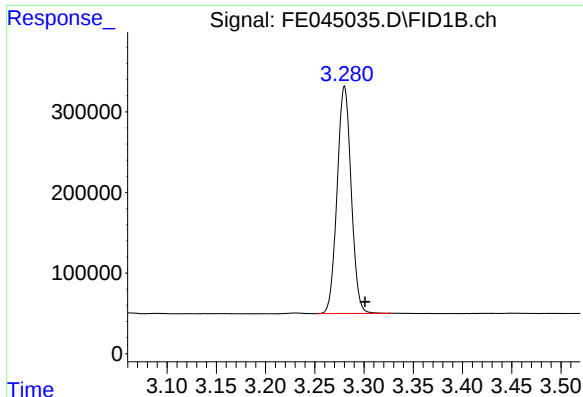
(m)=manual int.

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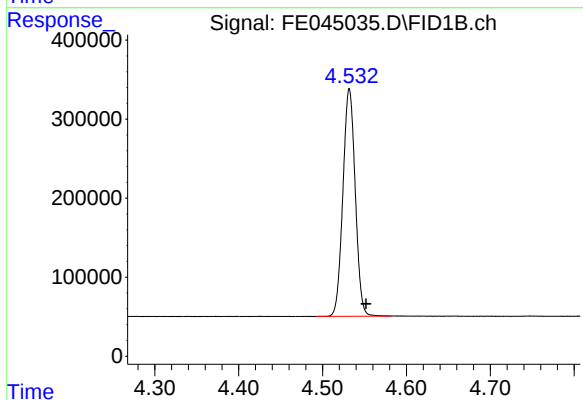
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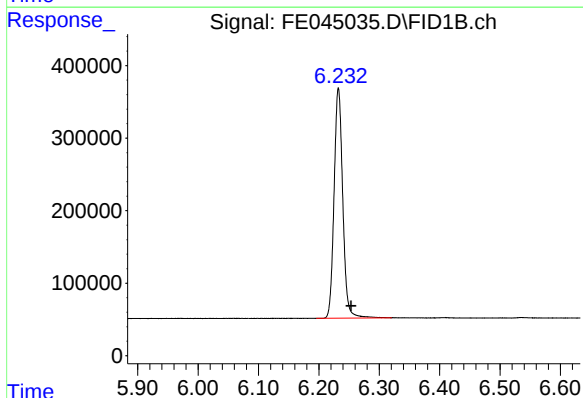
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.021 min
Response: 2803245
Conc: 16.71 ug/ml



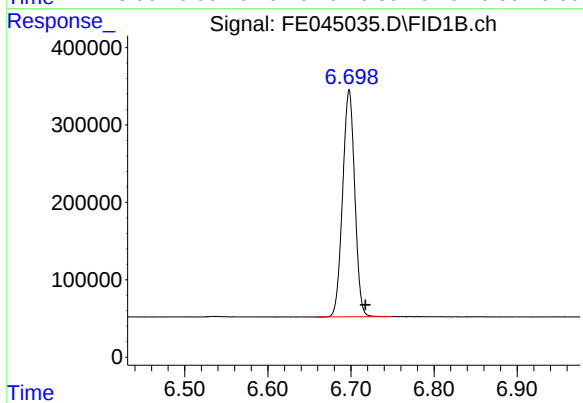
#2 n-Decane (C10)

R.T.: 4.532 min
Delta R.T.: -0.020 min
Response: 2943611
Conc: 17.28 ug/ml



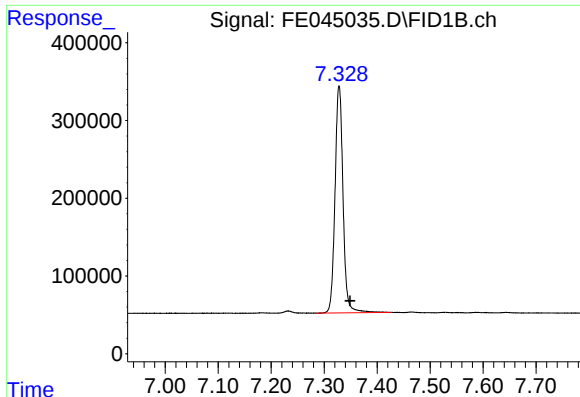
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.021 min
Response: 3172842
Conc: 17.14 ug/ml



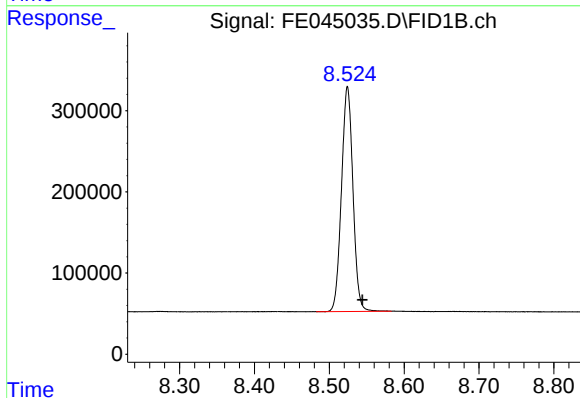
#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: -0.020 min
Response: 2975449
Conc: 17.24 ug/ml



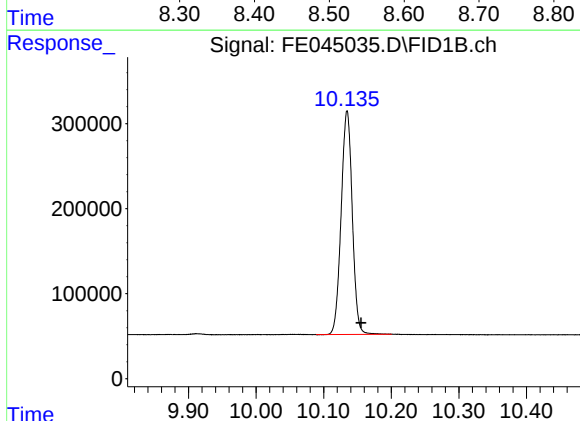
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.021 min
Response: 3075333
Conc: 17.05 ug/ml



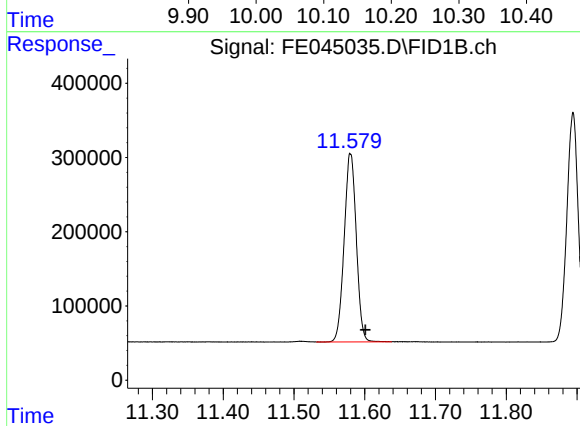
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.020 min
Response: 2950944
Conc: 17.21 ug/ml



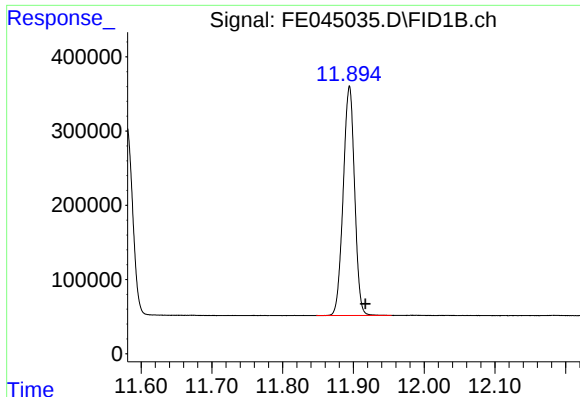
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.021 min
Response: 3014135
Conc: 17.24 ug/ml



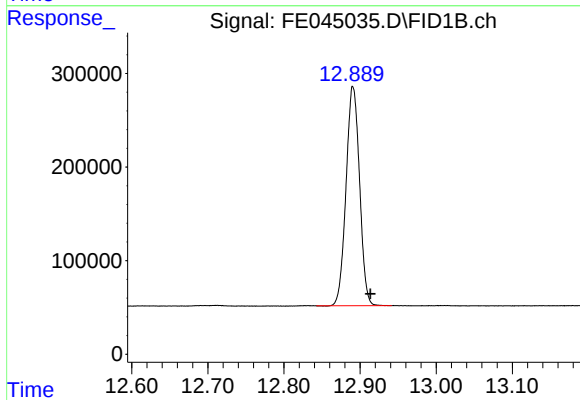
#8 n-Octadecane (C18)

R.T.: 11.580 min
Delta R.T.: -0.021 min
Response: 3016749
Conc: 17.30 ug/ml



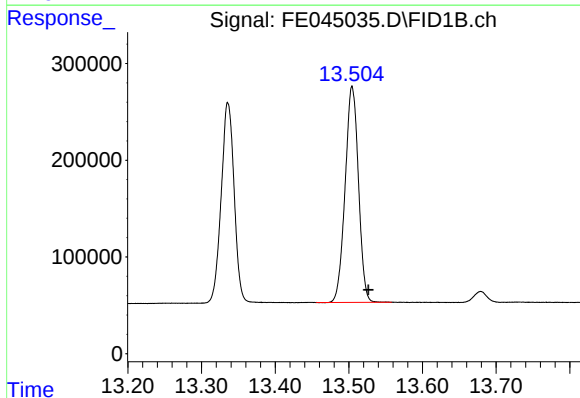
#9 ortho-Terphenyl (SURR)

R.T.: 11.895 min
Delta R.T.: -0.022 min
Response: 3458720
Conc: 17.25 ug/ml



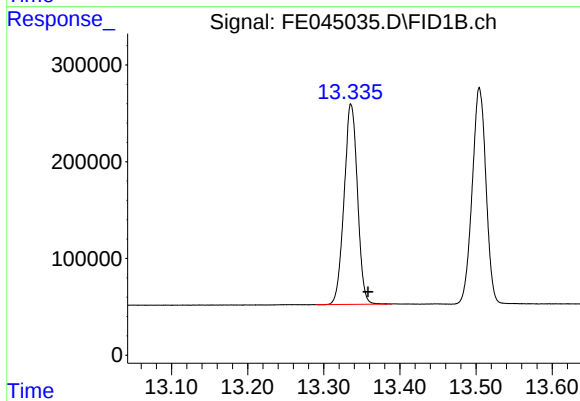
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.023 min
Response: 2891174
Conc: 17.31 ug/ml



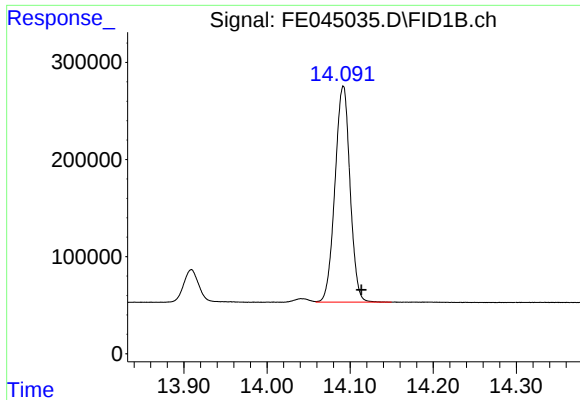
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.022 min
Response: 2809111
Conc: 17.23 ug/ml



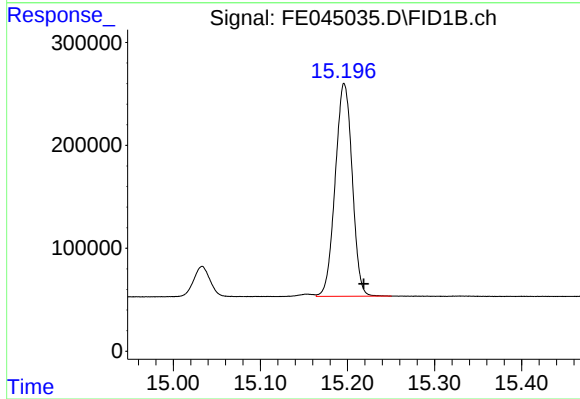
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.022 min
Response: 2525685
Conc: 17.07 ug/ml



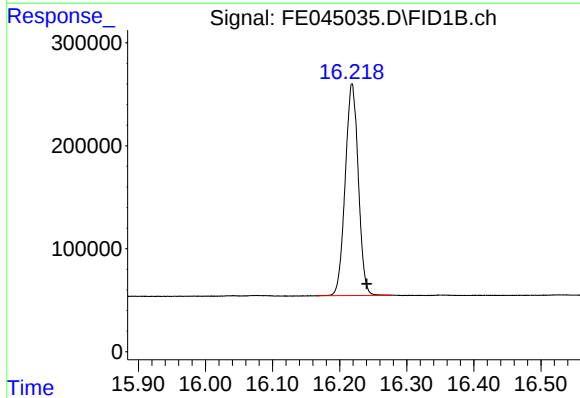
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 2804216
Conc: 17.53 ug/ml



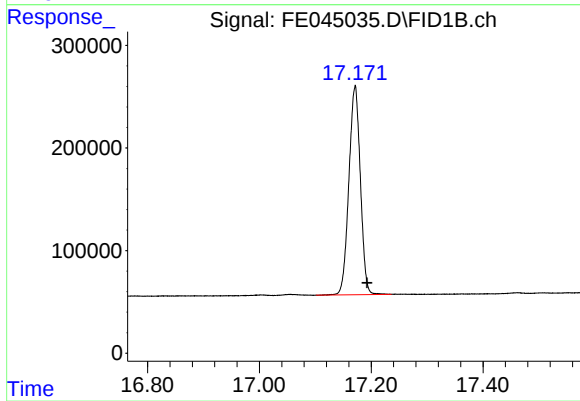
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.022 min
Response: 2798344
Conc: 18.03 ug/ml



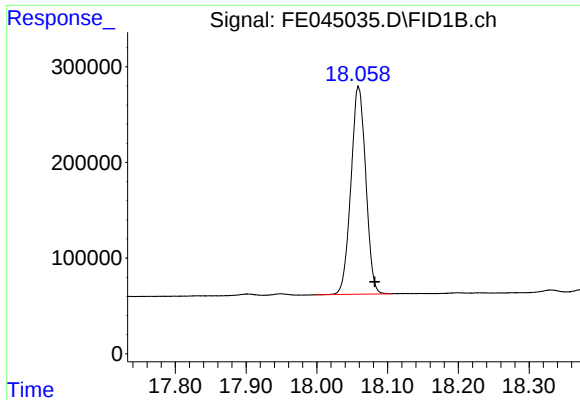
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.022 min
Response: 2787851
Conc: 18.57 ug/ml



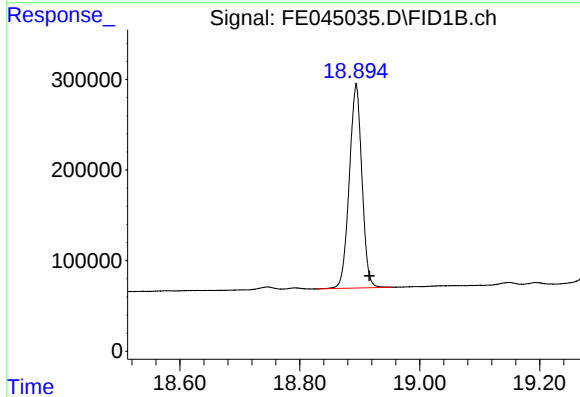
#16 n-Octacosane (C28)

R.T.: 17.171 min
Delta R.T.: -0.021 min
Response: 2902428
Conc: 19.77 ug/ml



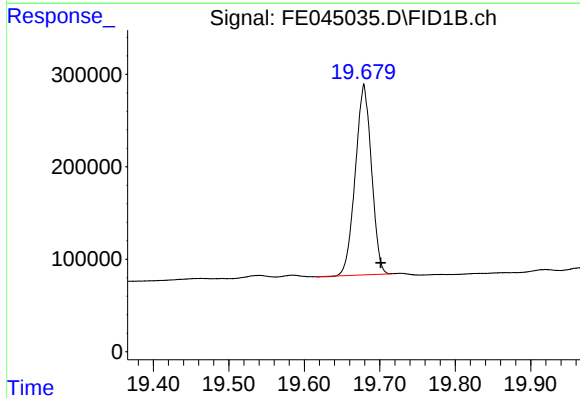
#17 n-Tricontane (C30)

R.T.: 18.059 min
Delta R.T.: -0.023 min
Response: 3156678
Conc: 21.22 ug/ml



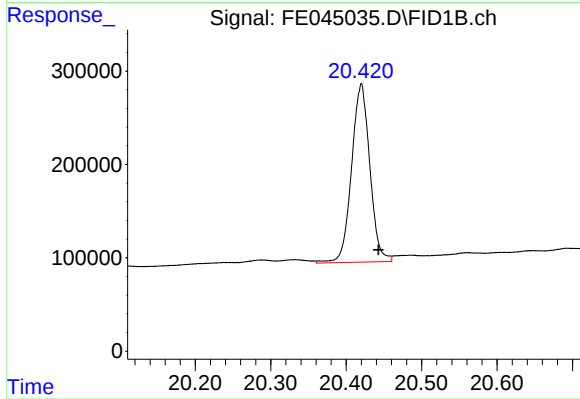
#18 n-Dotriacontane (C32)

R.T.: 18.894 min
Delta R.T.: -0.022 min
Response: 3286562
Conc: 21.90 ug/ml



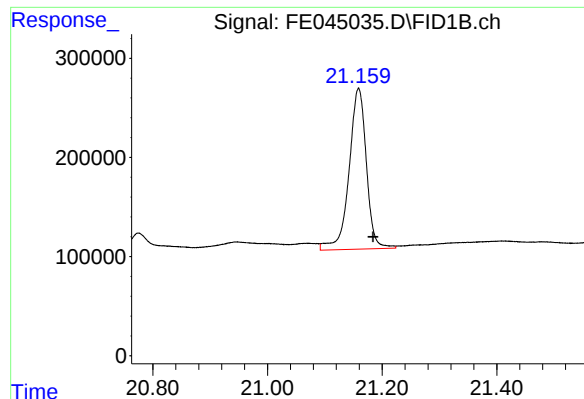
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.022 min
Response: 3057775
Conc: 20.54 ug/ml



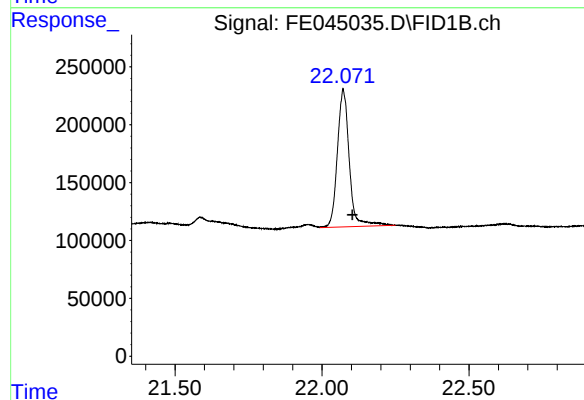
#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.023 min
Response: 3214377
Conc: 20.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.159 min
Delta R.T.: -0.025 min
Response: 3406754
Conc: 21.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.032 min
Response: 3346677
Conc: 20.03 ug/ml