

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102723AL\
 Data File : FE045082.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2023 00:56
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 28 01:51:13 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)	11.893	3397732	16.949 ug/ml
Spiked Amount 50.000		Recovery =	33.90%
12) S 1-chlorooctadecane (S...	13.335	2480301	16.760 ug/ml
Spiked Amount 50.000		Recovery =	33.52%
Target Compounds			
1) T n-Nonane (C9)	3.279	2822776	16.827 ug/ml
2) T n-Decane (C10)	4.530	2911217	17.090 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3120665	16.858 ug/ml
4) T n-Dodecane (C12)	6.696	2952386	17.103 ug/ml
5) T A~2-methylnaphthalene...	7.327	3014623	16.712 ug/ml
6) T n-Tetradecane (C14)	8.524	2948683	17.196 ug/ml
7) T n-Hexadecane (C16)	10.134	3002762	17.171 ug/ml
8) T n-Octadecane (C18)	11.579	2991970	17.154 ug/ml
10) T n-Eicosane (C20)	12.890	2859735	17.121 ug/ml
11) T n-Heneicosane (C21)	13.504	2755620	16.904 ug/ml
13) T n-Docosane (C22)	14.091	2795996	17.480 ug/ml
14) T n-Tetracosane (C24)	15.196	2860633	18.432 ug/ml
15) T n-Hexacosane (C26)	16.219	2914075	19.410 ug/ml
16) T n-Octacosane (C28)	17.170	3049206	20.765 ug/ml
17) T n-Tricontane (C30)	18.061	3262693	21.937 ug/ml
18) T n-Dotriacontane (C32)	18.895	3327692	22.171 ug/ml
19) T n-Tetratriacontane (C34)	19.679	3078419	20.679 ug/ml
20) T n-Hexatriacontane (C36)	20.422	3021991	19.656 ug/ml
21) T n-Octatriacontane (C38)	21.160	3020499	19.336 ug/ml
22) T n-Tetracontane (C40)	22.077	3053944	18.274 ug/ml

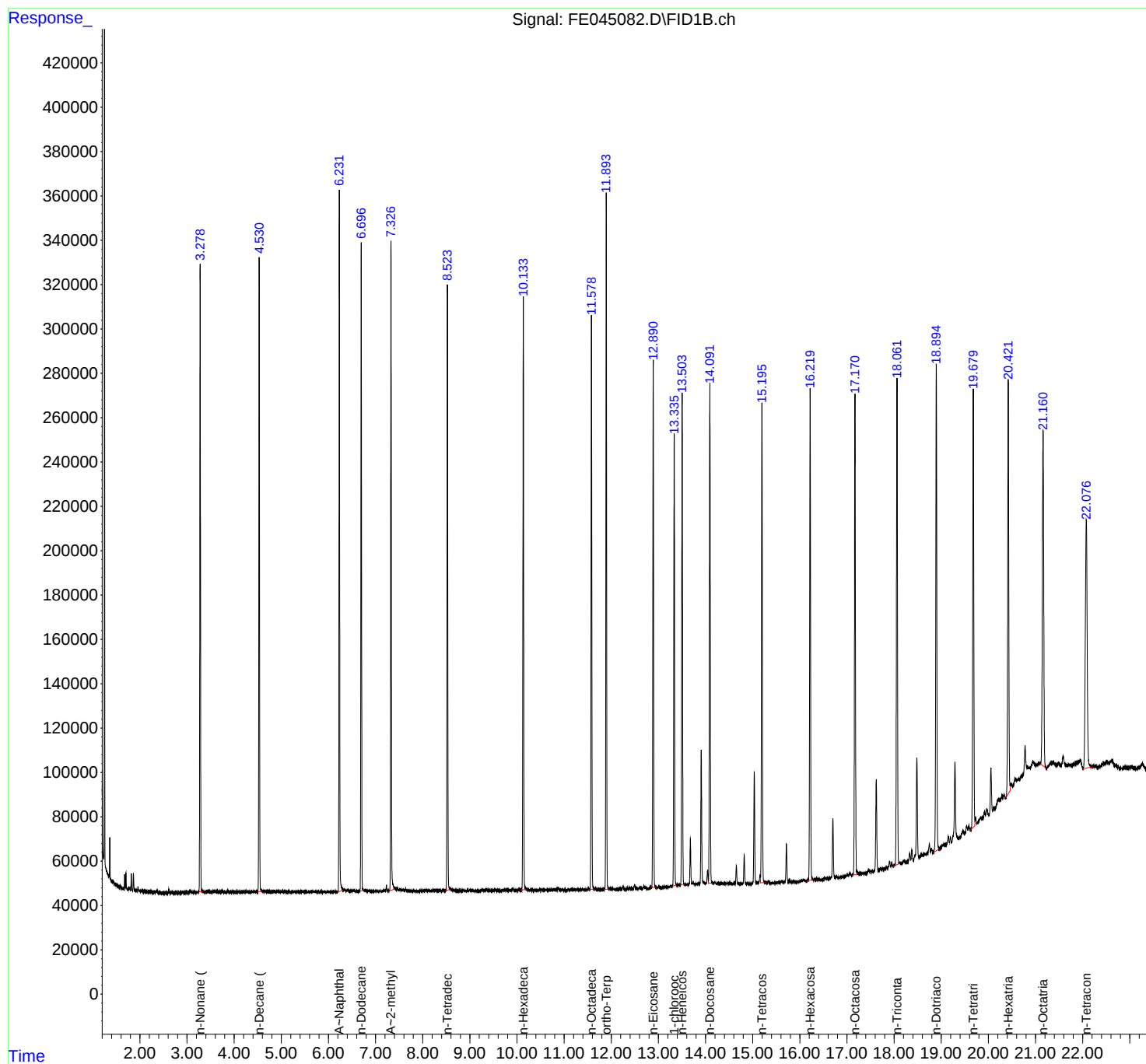
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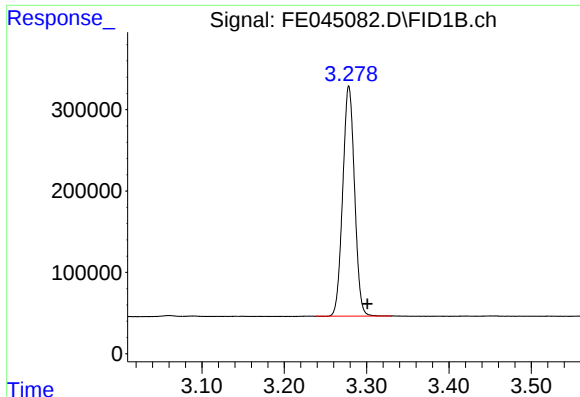
(m)=manual int.

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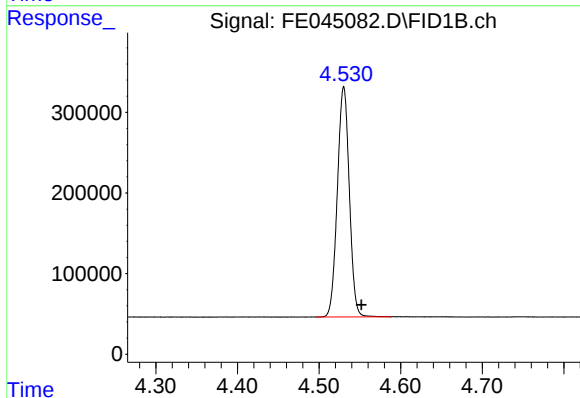
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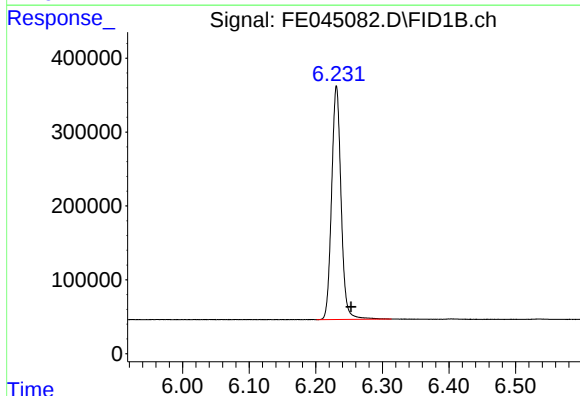
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: -0.022 min
Response: 2822776
Conc: 16.83 ug/ml



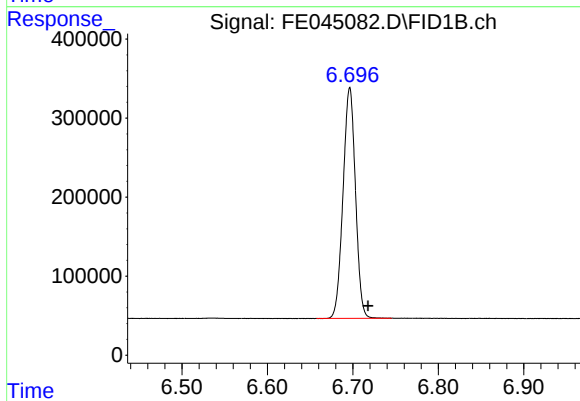
#2 n-Decane (C10)

R.T.: 4.530 min
Delta R.T.: -0.022 min
Response: 2911217
Conc: 17.09 ug/ml



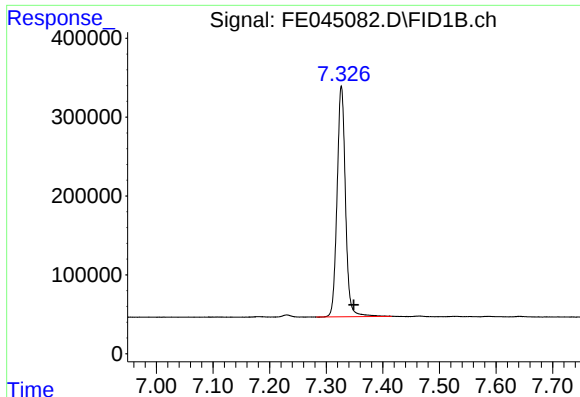
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.022 min
Response: 3120665
Conc: 16.86 ug/ml



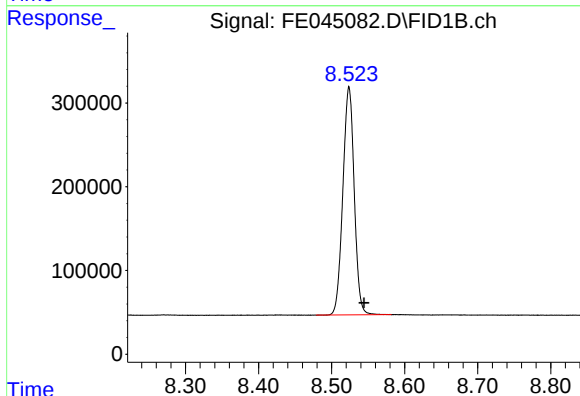
#4 n-Dodecane (C12)

R.T.: 6.696 min
Delta R.T.: -0.021 min
Response: 2952386
Conc: 17.10 ug/ml



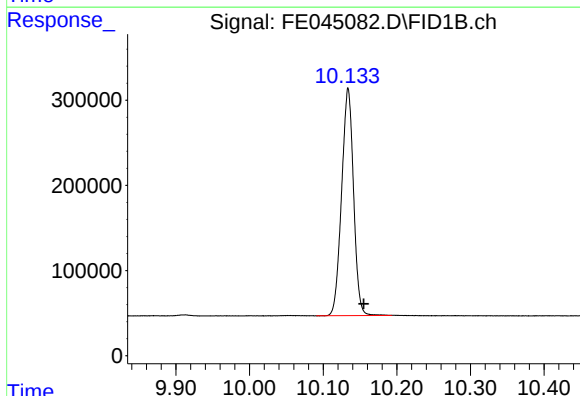
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.022 min
Response: 3014623
Conc: 16.71 ug/ml



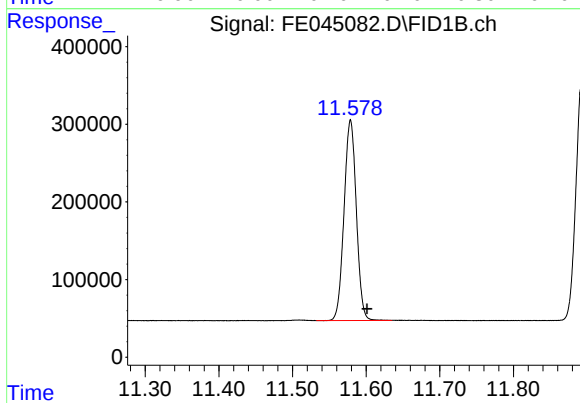
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.021 min
Response: 2948683
Conc: 17.20 ug/ml



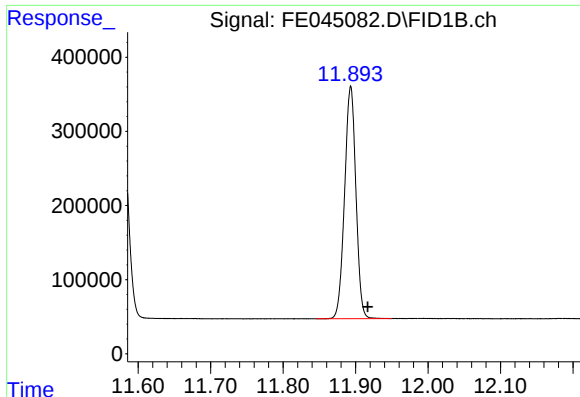
#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.021 min
Response: 3002762
Conc: 17.17 ug/ml



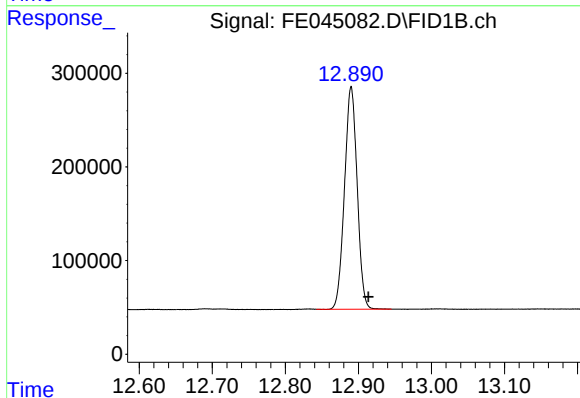
#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.022 min
Response: 2991970
Conc: 17.15 ug/ml



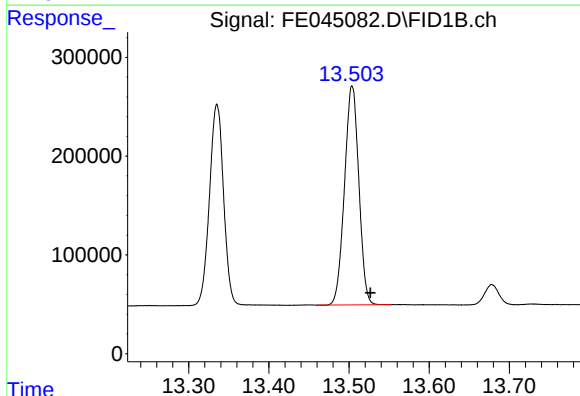
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.024 min
Response: 3397732
Conc: 16.95 ug/ml



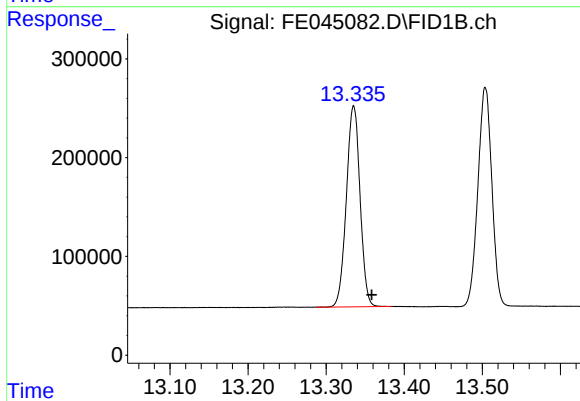
#10 n-Eicosane (C20)

R.T.: 12.890 min
Delta R.T.: -0.023 min
Response: 2859735
Conc: 17.12 ug/ml



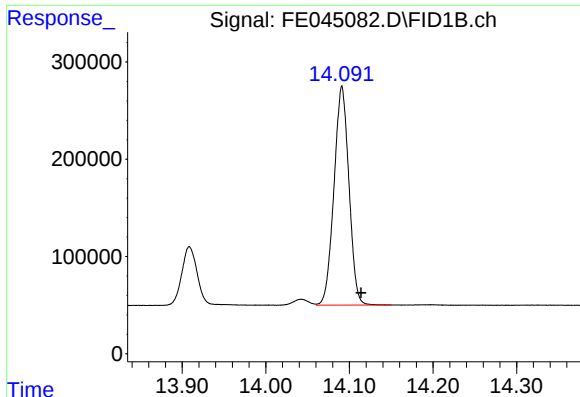
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.023 min
Response: 2755620
Conc: 16.90 ug/ml



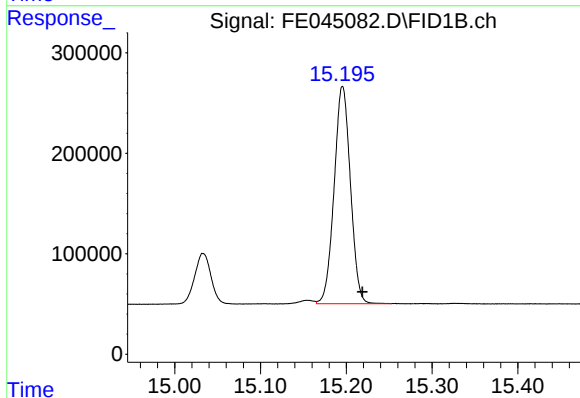
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.023 min
Response: 2480301
Conc: 16.76 ug/ml



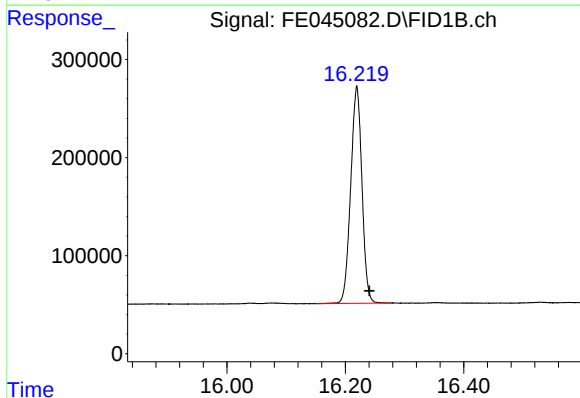
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.023 min
Response: 2795996
Conc: 17.48 ug/ml



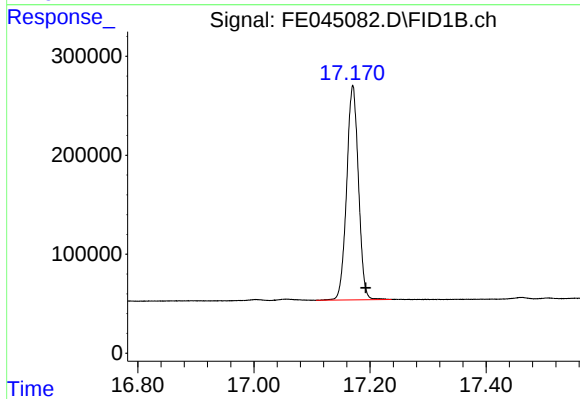
#14 n-Tetracosane (C24)

R.T.: 15.196 min
Delta R.T.: -0.023 min
Response: 2860633
Conc: 18.43 ug/ml



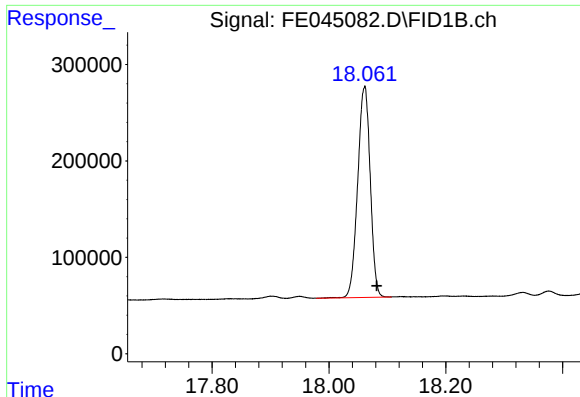
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.021 min
Response: 2914075
Conc: 19.41 ug/ml



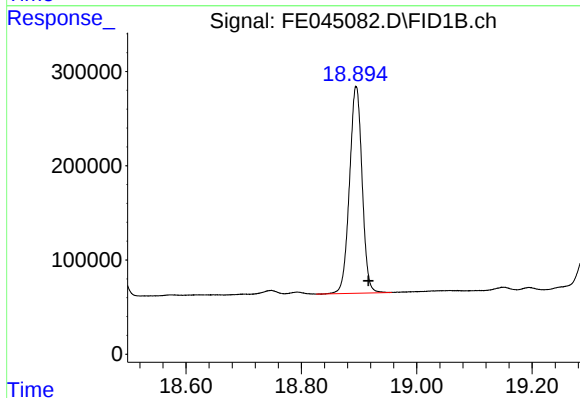
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.022 min
Response: 3049206
Conc: 20.76 ug/ml



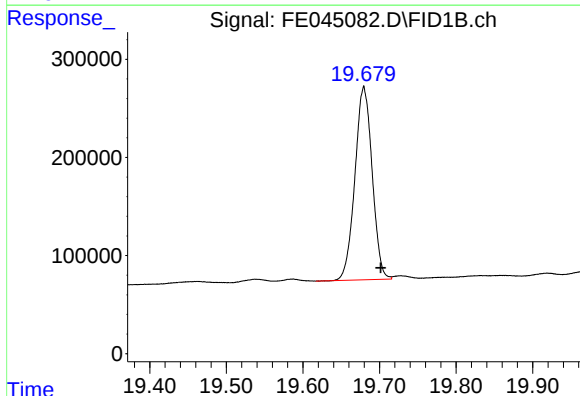
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.021 min
Response: 3262693
Conc: 21.94 ug/ml



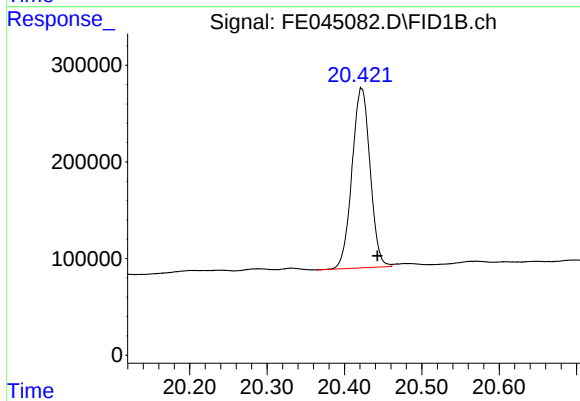
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.021 min
Response: 3327692
Conc: 22.17 ug/ml



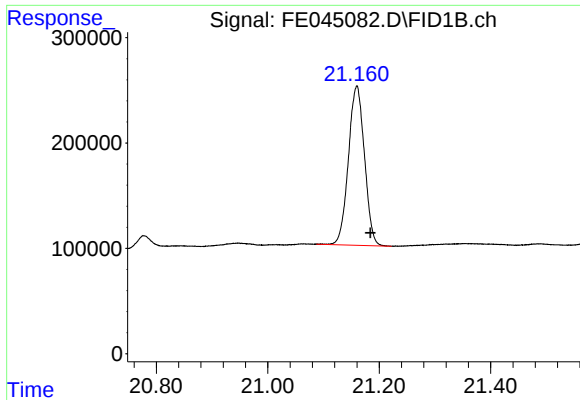
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.022 min
Response: 3078419
Conc: 20.68 ug/ml



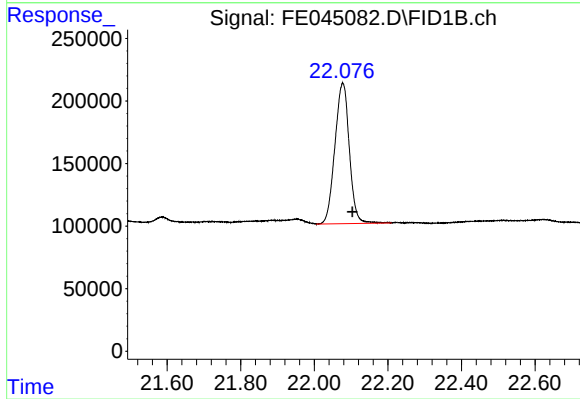
#20 n-Hexatriacontane (C36)

R.T.: 20.422 min
Delta R.T.: -0.021 min
Response: 3021991
Conc: 19.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.024 min
Response: 3020499
Conc: 19.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.077 min
Delta R.T.: -0.026 min
Response: 3053944
Conc: 18.27 ug/ml