

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045054.D
 Signal(s) : FID1B.ch
 Acq On : 27 Oct 2023 00:16
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:17:25 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)	11.897	3372401	16.823 ug/ml
Spiked Amount 50.000		Recovery =	33.65%
12) S 1-chlorooctadecane (S...	13.338	2460927	16.629 ug/ml
Spiked Amount 50.000		Recovery =	33.26%
Target Compounds			
1) T n-Nonane (C9)	3.281	2811300	16.759 ug/ml
2) T n-Decane (C10)	4.533	2900238	17.025 ug/ml
3) T A~Naphthalene (C11.7)	6.234	3118241	16.845 ug/ml
4) T n-Dodecane (C12)	6.699	2948972	17.084 ug/ml
5) T A~2-methylnaphthalene...	7.330	3018350	16.732 ug/ml
6) T n-Tetradecane (C14)	8.526	2949188	17.199 ug/ml
7) T n-Hexadecane (C16)	10.137	2996254	17.134 ug/ml
8) T n-Octadecane (C18)	11.582	2974303	17.053 ug/ml
10) T n-Eicosane (C20)	12.893	2847132	17.046 ug/ml
11) T n-Heneicosane (C21)	13.507	2737469	16.793 ug/ml
13) T n-Docosane (C22)	14.094	2767202	17.300 ug/ml
14) T n-Tetracosane (C24)	15.200	2825294	18.205 ug/ml
15) T n-Hexacosane (C26)	16.222	2872388	19.132 ug/ml
16) T n-Octacosane (C28)	17.174	3026010	20.607 ug/ml
17) T n-Tricontane (C30)	18.063	3191467	21.458 ug/ml
18) T n-Dotriacontane (C32)	18.897	3227233	21.501 ug/ml
19) T n-Tetratriacontane (C34)	19.680	3098690	20.816 ug/mlm
20) T n-Hexatriacontane (C36)	20.423	3041110	19.781 ug/mlm
21) T n-Octatriacontane (C38)	21.160	3233098	20.697 ug/mlm
22) T n-Tetracontane (C40)	22.076	3184666	19.056 ug/mlm

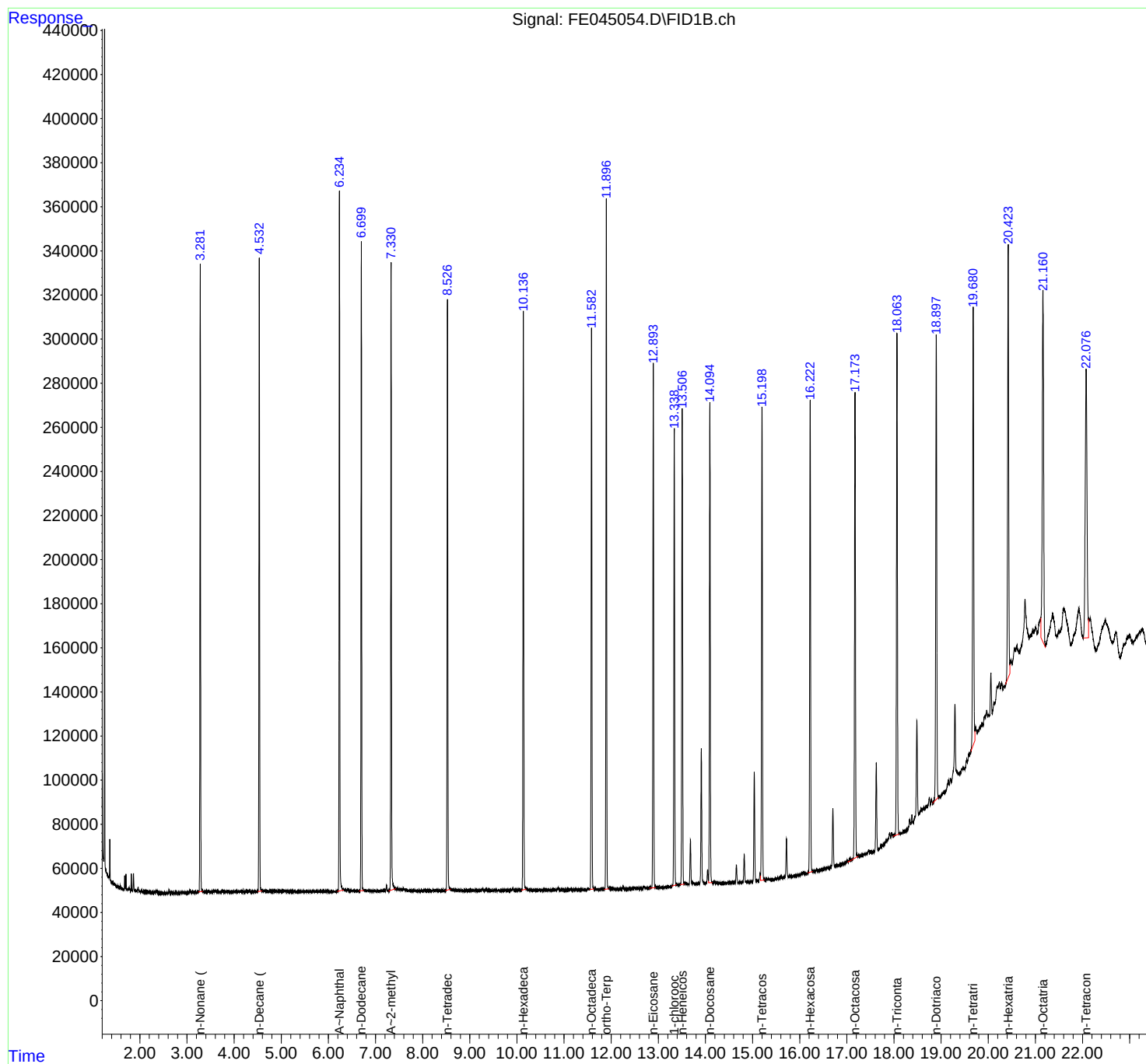
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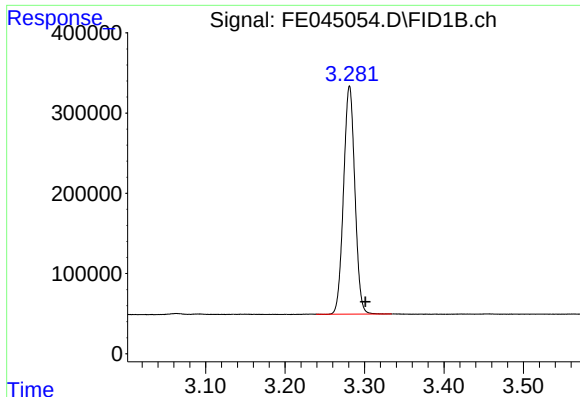
(m)=manual int.

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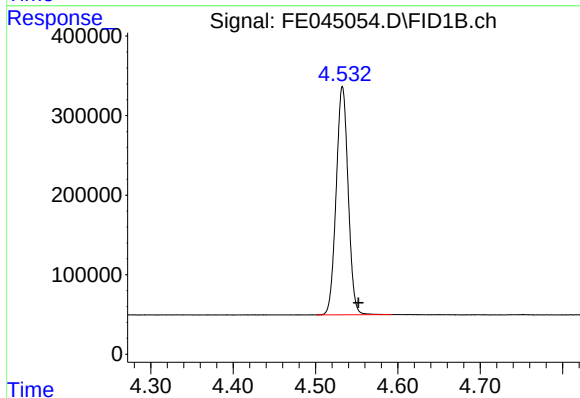
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Signal Info : 20M x 0.18mm x 0.18um





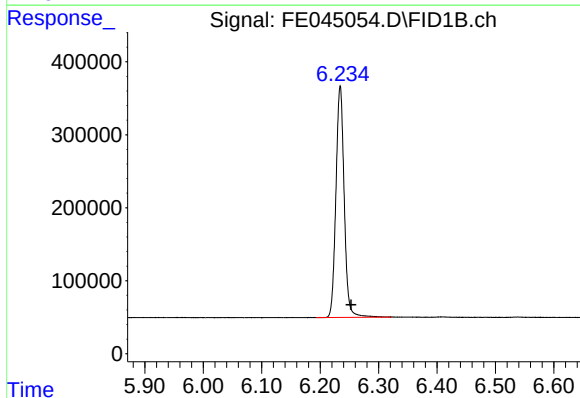
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.020 min
Response: 2811300
Conc: 16.76 ug/ml



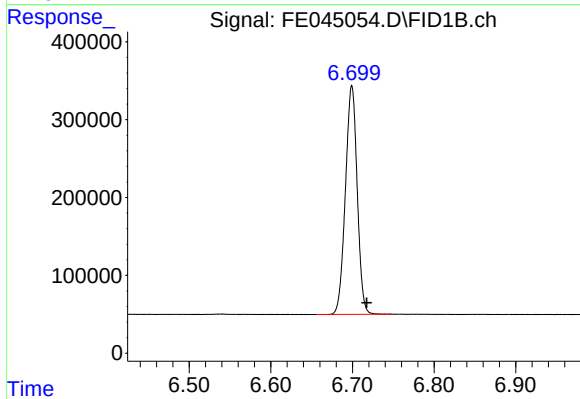
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.019 min
Response: 2900238
Conc: 17.03 ug/ml



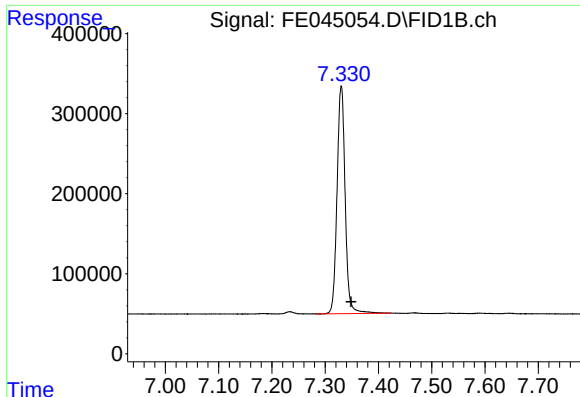
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min
Delta R.T.: -0.019 min
Response: 3118241
Conc: 16.84 ug/ml



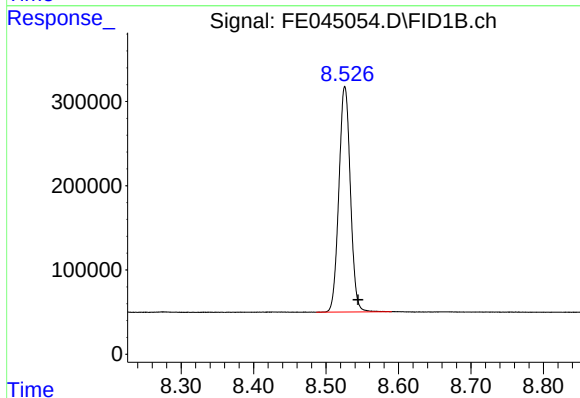
#4 n-Dodecane (C12)

R.T.: 6.699 min
Delta R.T.: -0.018 min
Response: 2948972
Conc: 17.08 ug/ml



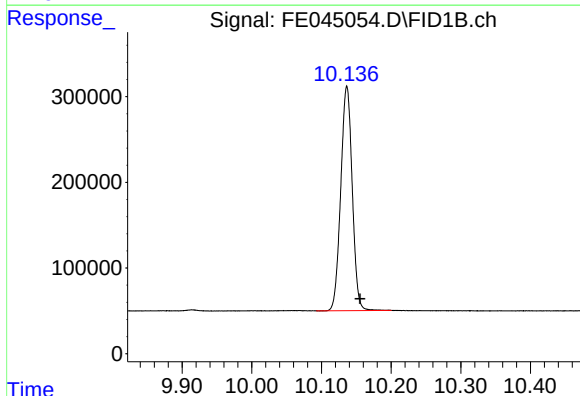
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.330 min
Delta R.T.: -0.019 min
Response: 3018350
Conc: 16.73 ug/ml



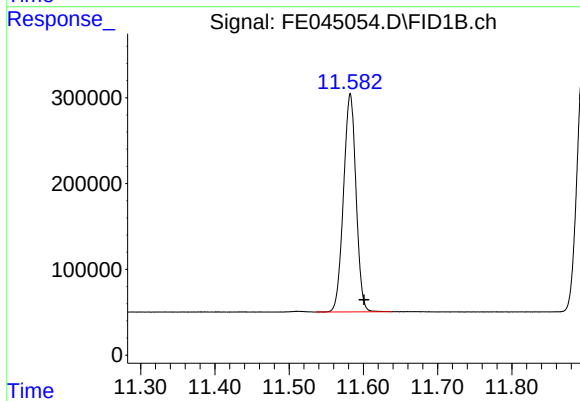
#6 n-Tetradecane (C14)

R.T.: 8.526 min
Delta R.T.: -0.018 min
Response: 2949188
Conc: 17.20 ug/ml



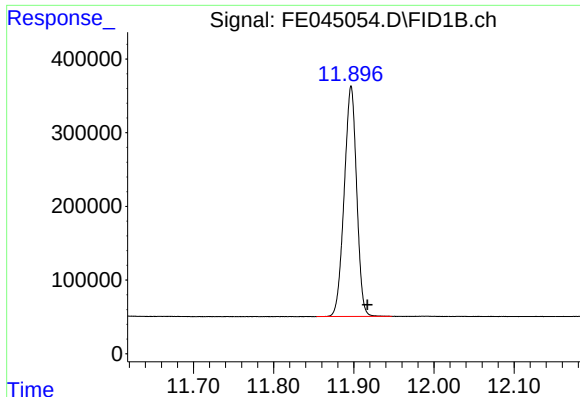
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: -0.019 min
Response: 2996254
Conc: 17.13 ug/ml



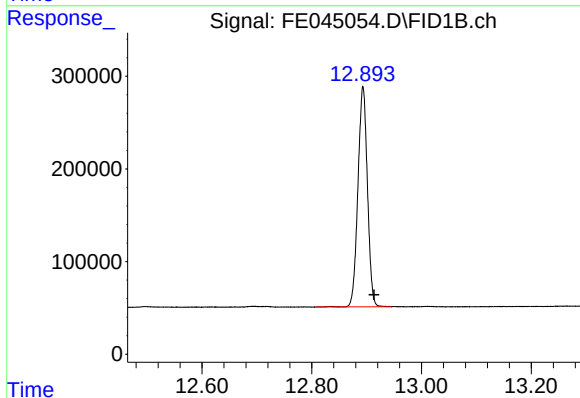
#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 2974303
Conc: 17.05 ug/ml



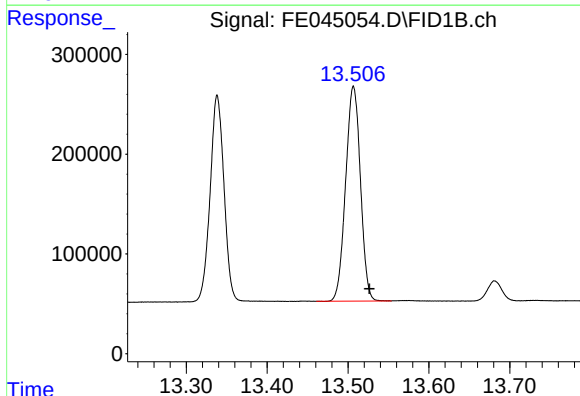
#9 ortho-Terphenyl (SURR)

R.T.: 11.897 min
Delta R.T.: -0.020 min
Response: 3372401
Conc: 16.82 ug/ml



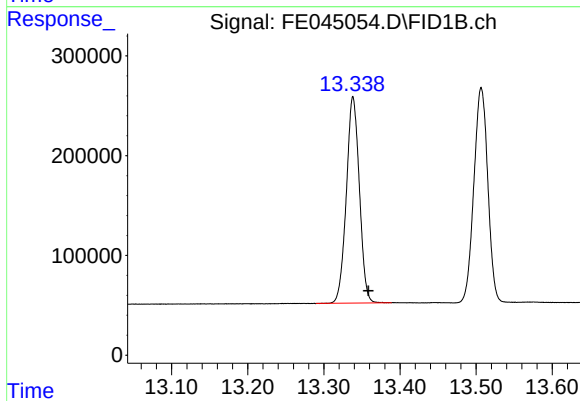
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.020 min
Response: 2847132
Conc: 17.05 ug/ml



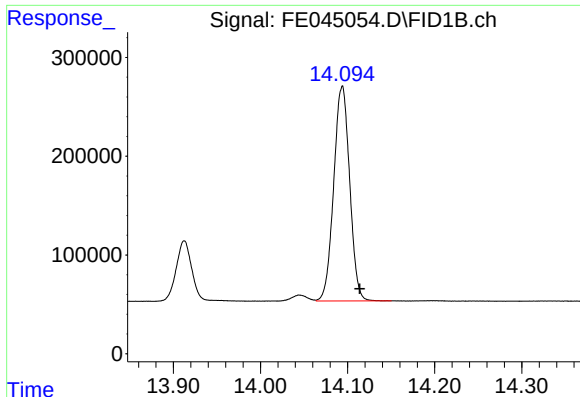
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.020 min
Response: 2737469
Conc: 16.79 ug/ml



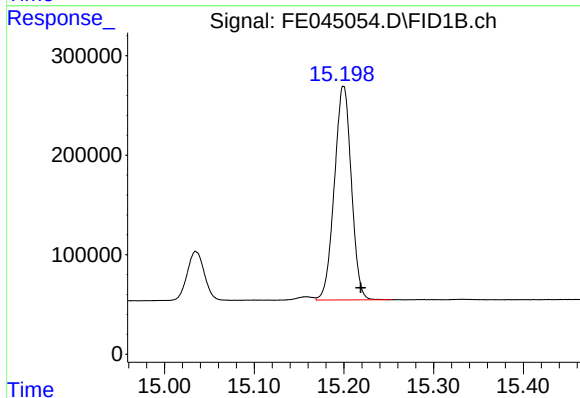
#12 1-chlorooctadecane (SURR)

R.T.: 13.338 min
Delta R.T.: -0.020 min
Response: 2460927
Conc: 16.63 ug/ml



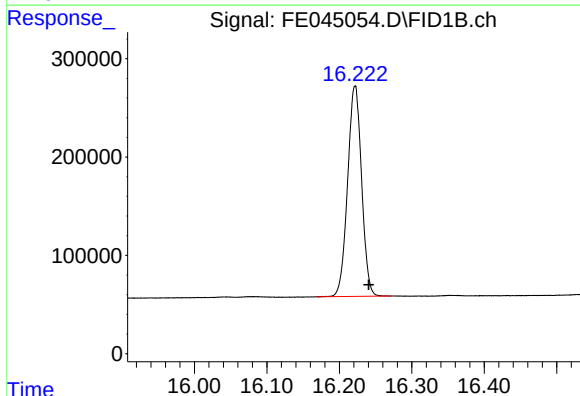
#13 n-Docosane (C22)

R.T.: 14.094 min
Delta R.T.: -0.020 min
Response: 2767202
Conc: 17.30 ug/ml



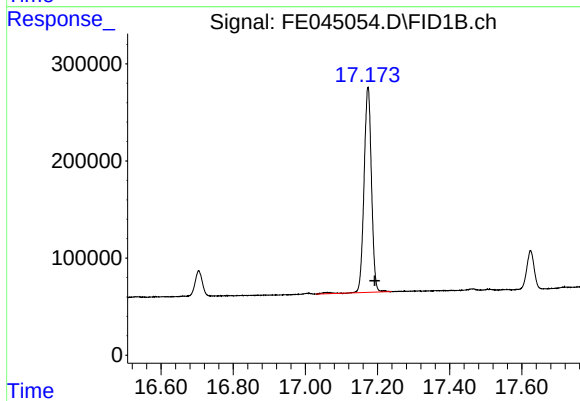
#14 n-Tetracosane (C24)

R.T.: 15.200 min
Delta R.T.: -0.019 min
Response: 2825294
Conc: 18.20 ug/ml



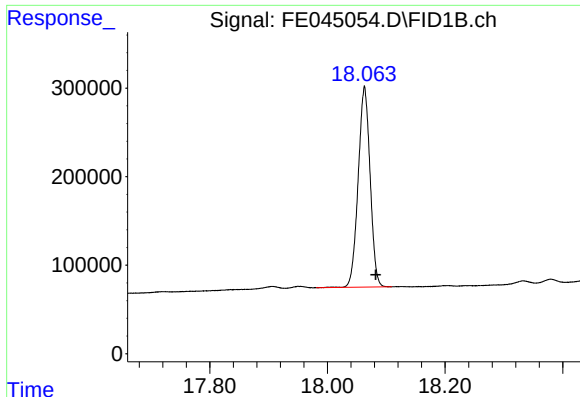
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.019 min
Response: 2872388
Conc: 19.13 ug/ml



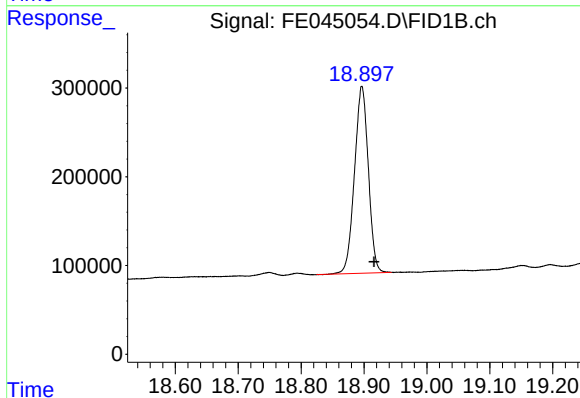
#16 n-Octacosane (C28)

R.T.: 17.174 min
Delta R.T.: -0.019 min
Response: 3026010
Conc: 20.61 ug/ml



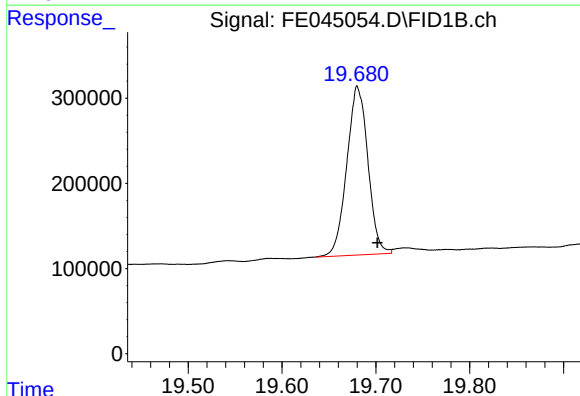
#17 n-Tricontane (C30)

R.T.: 18.063 min
Delta R.T.: -0.019 min
Response: 3191467
Conc: 21.46 ug/ml



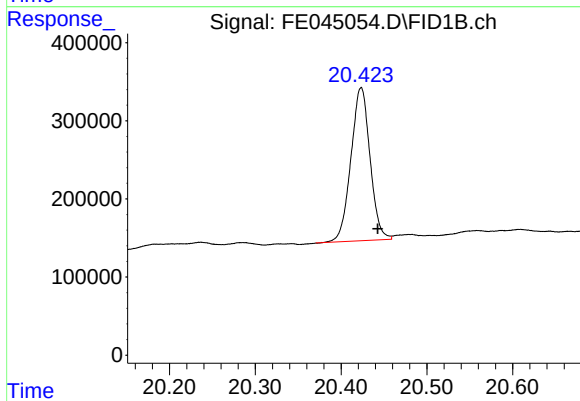
#18 n-Dotriacontane (C32)

R.T.: 18.897 min
Delta R.T.: -0.020 min
Response: 3227233
Conc: 21.50 ug/ml



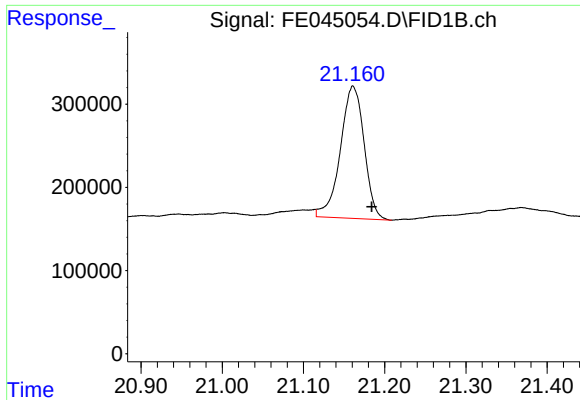
#19 n-Tetratriacontane (C34)

R.T.: 19.680 min
Delta R.T.: -0.022 min
Response: 3098690
Conc: 20.82 ug/ml m



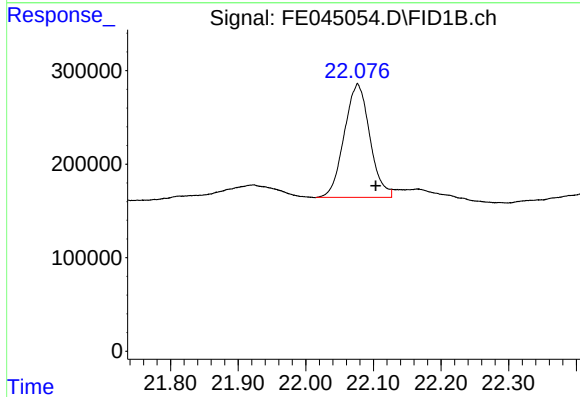
#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.019 min
Response: 3041110
Conc: 19.78 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.160 min
Delta R.T.: -0.024 min
Response: 3233098
Conc: 20.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.027 min
Response: 3184666
Conc: 19.06 ug/ml m