

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010824AL\
 Data File : FE046091.D
 Signal(s) : FID1B.ch
 Acq On : 05 Jan 2024 10:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 09 00:28:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122923.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 29 03:49:54 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)	11.839	3587983	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.284	2656941	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.221	2913879	19.039 ug/ml
2) T n-Decane (C10)	4.472	2982243	19.216 ug/ml
3) T A~Naphthalene (C11.7)	6.176	3201945	19.253 ug/ml
4) T n-Dodecane (C12)	6.640	3022676	19.359 ug/ml
5) T A~2-methylnaphthalene...	7.273	3074761	19.312 ug/ml
6) T n-Tetradecane (C14)	8.467	3017310	19.370 ug/ml
7) T n-Hexadecane (C16)	10.078	3096372	19.553 ug/ml
8) T n-Octadecane (C18)	11.524	3112543	19.776 ug/ml
10) T n-Eicosane (C20)	12.836	3019150	19.958 ug/ml
11) T n-Heneicosane (C21)	13.450	2935305	19.961 ug/ml
13) T n-Docosane (C22)	14.038	2980454	20.390 ug/ml
14) T n-Tetracosane (C24)	15.144	3056552	21.075 ug/ml
15) T n-Hexacosane (C26)	16.170	3107541	21.675 ug/ml
16) T n-Octacosane (C28)	17.123	3158449	22.023 ug/ml
17) T n-Tricontane (C30)	18.015	3262906	21.952 ug/ml
18) T n-Dotriacontane (C32)	18.853	3169411	21.191 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2928900	20.445 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2769016	18.992 ug/ml
21) T n-Octatriacontane (C38)	21.116	3170751	21.503 ug/ml
22) T n-Tetracontane (C40)	22.023	3125871	19.970 ug/ml

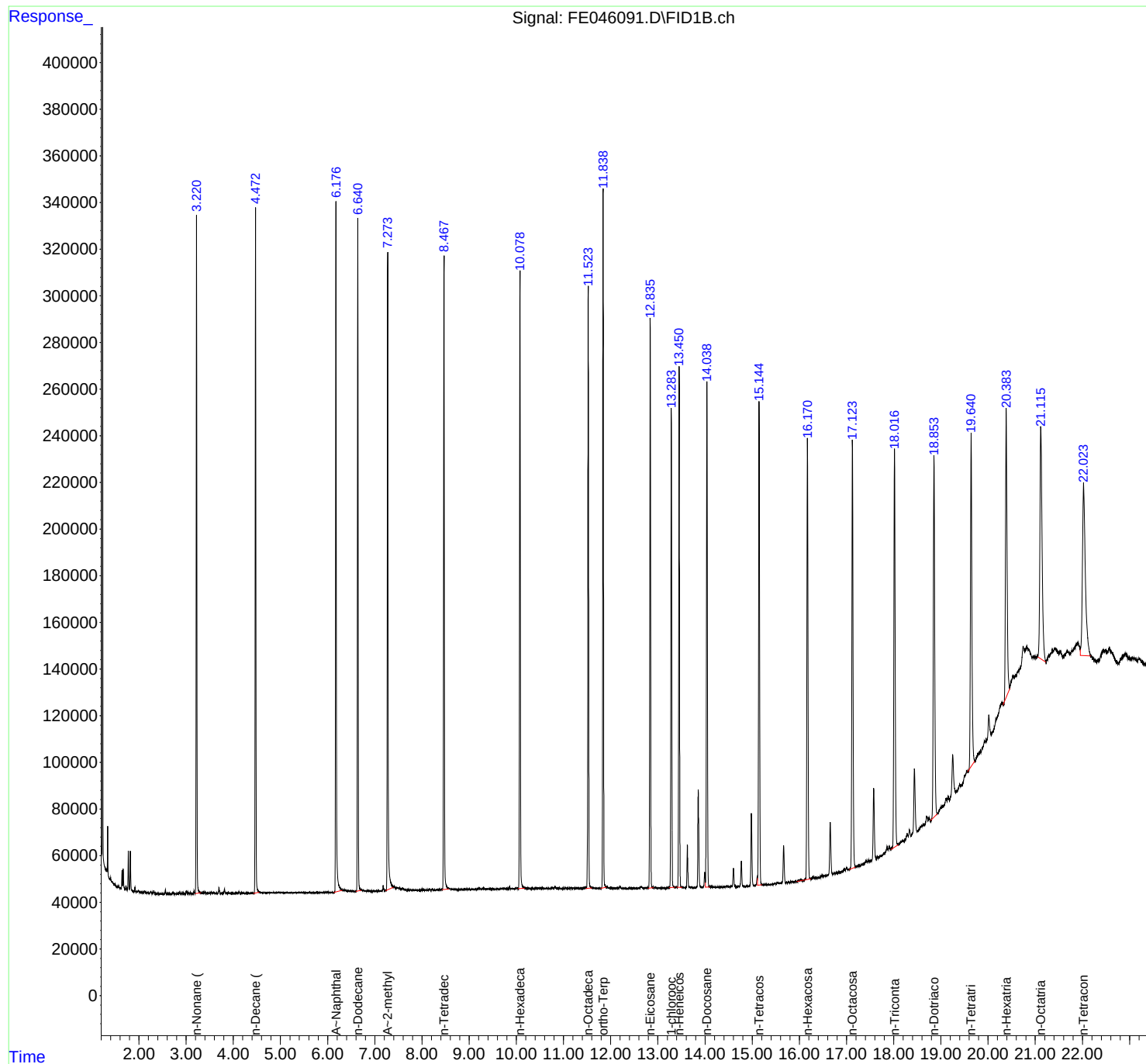
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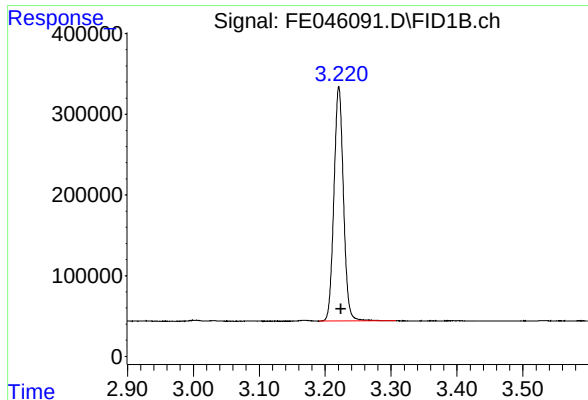
(m)=manual int.

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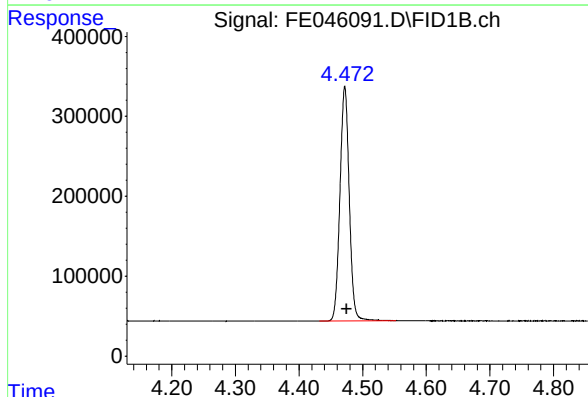
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





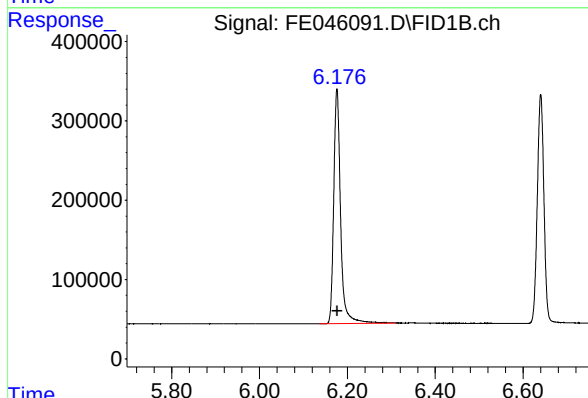
#1 n-Nonane (C9)

R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 2913879
Conc: 19.04 ug/ml



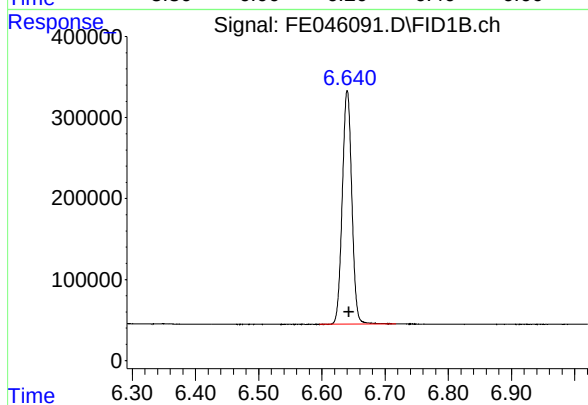
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: -0.003 min
Response: 2982243
Conc: 19.22 ug/ml



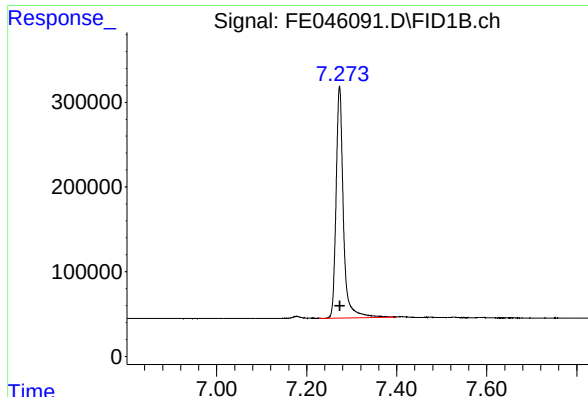
#3 A~Naphthalene (C11.7)

R.T.: 6.176 min
Delta R.T.: 0.000 min
Response: 3201945
Conc: 19.25 ug/ml



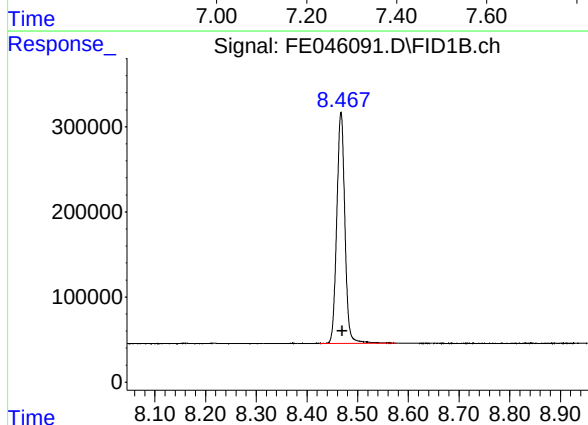
#4 n-Dodecane (C12)

R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 3022676
Conc: 19.36 ug/ml



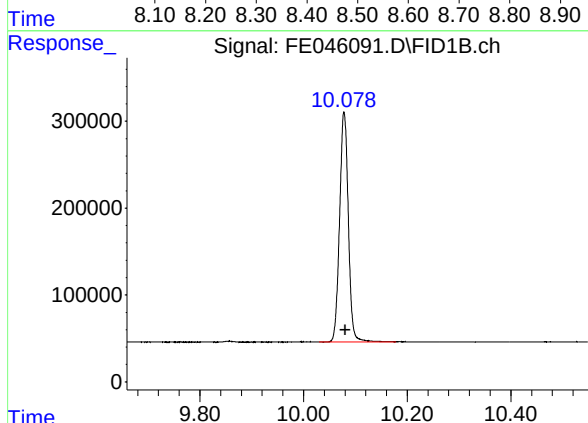
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: 0.000 min
Response: 3074761
Conc: 19.31 ug/ml



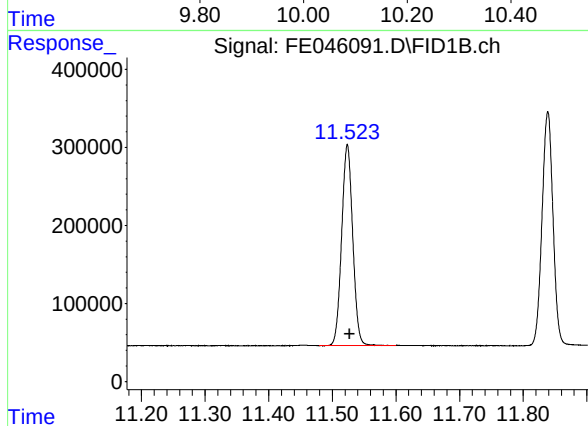
#6 n-Tetradecane (C14)

R.T.: 8.467 min
Delta R.T.: -0.003 min
Response: 3017310
Conc: 19.37 ug/ml



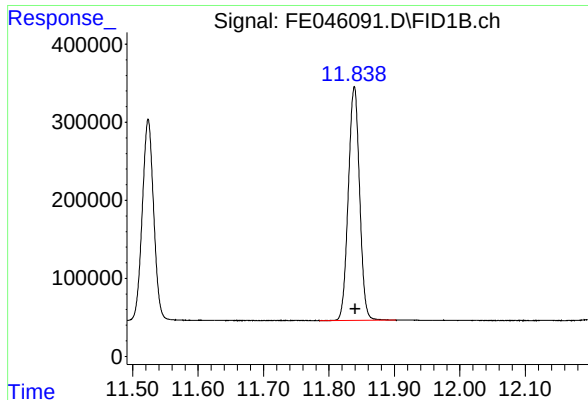
#7 n-Hexadecane (C16)

R.T.: 10.078 min
Delta R.T.: -0.002 min
Response: 3096372
Conc: 19.55 ug/ml



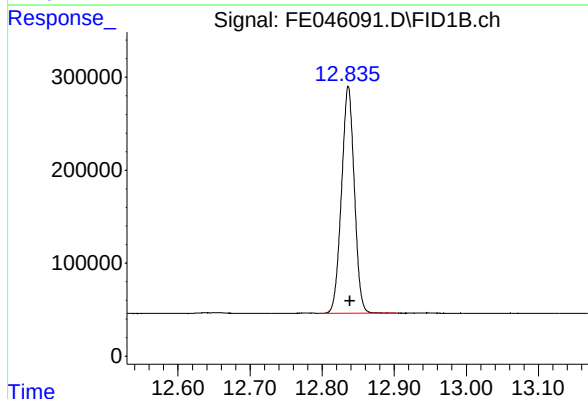
#8 n-Octadecane (C18)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 3112543
Conc: 19.78 ug/ml



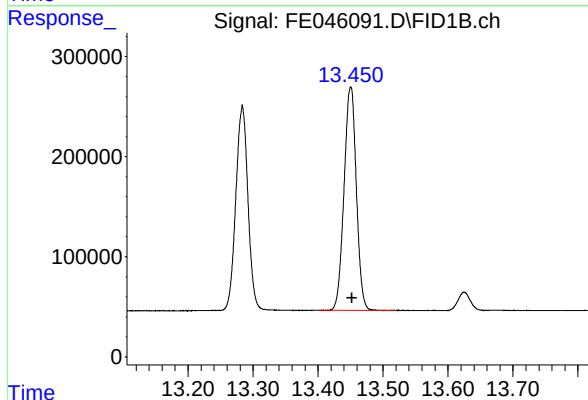
#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.001 min
Response: 3587983
Conc: 19.74 ug/ml



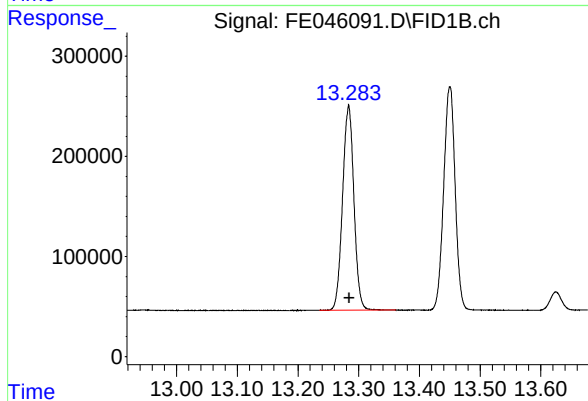
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.002 min
Response: 3019150
Conc: 19.96 ug/ml



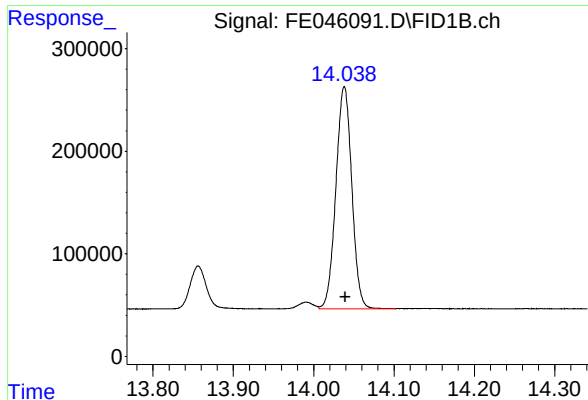
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: -0.002 min
Response: 2935305
Conc: 19.96 ug/ml



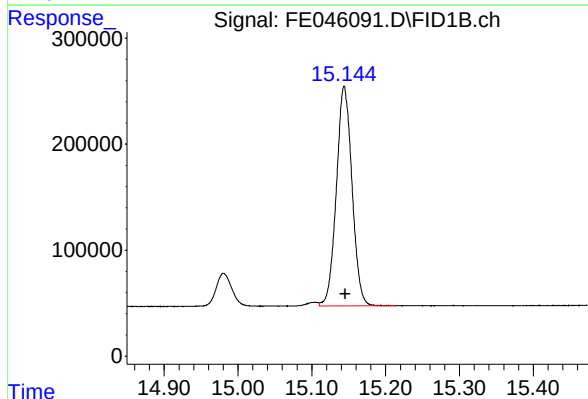
#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: 0.000 min
Response: 2656941
Conc: 19.89 ug/ml



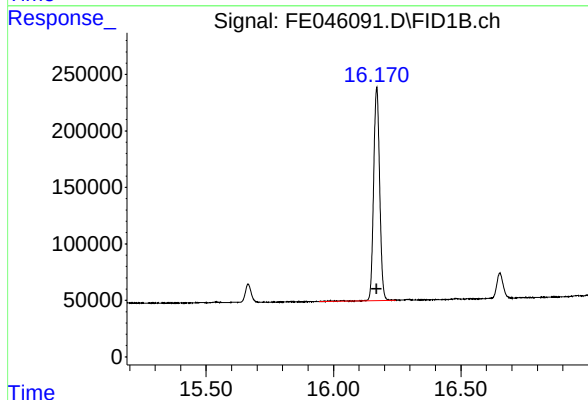
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.001 min
Response: 2980454
Conc: 20.39 ug/ml



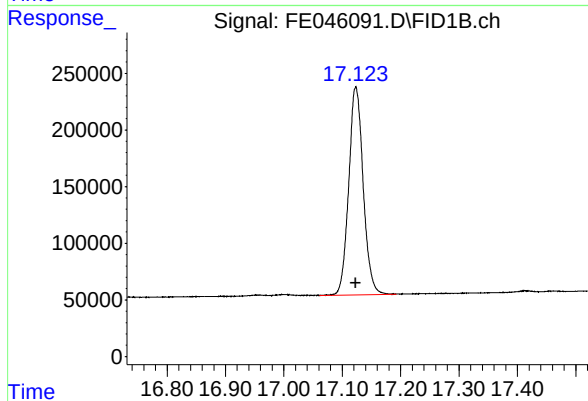
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.002 min
Response: 3056552
Conc: 21.07 ug/ml



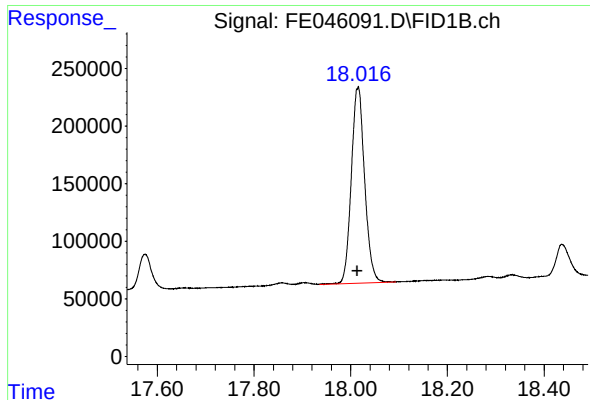
#15 n-Hexacosane (C26)

R.T.: 16.170 min
Delta R.T.: 0.000 min
Response: 3107541
Conc: 21.68 ug/ml



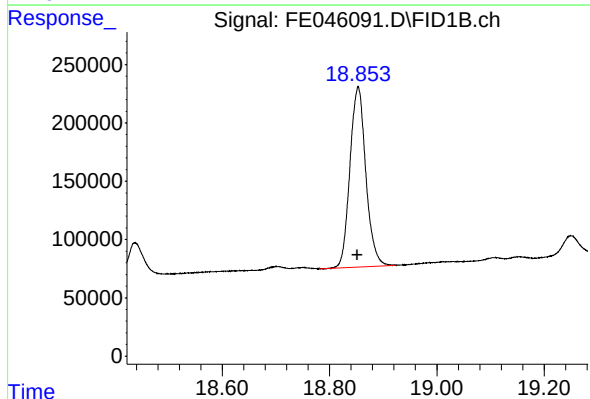
#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: 0.000 min
Response: 3158449
Conc: 22.02 ug/ml



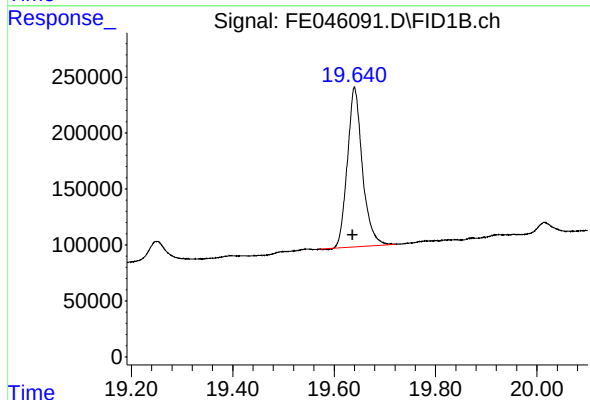
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: 0.001 min
Response: 3262906
Conc: 21.95 ug/ml



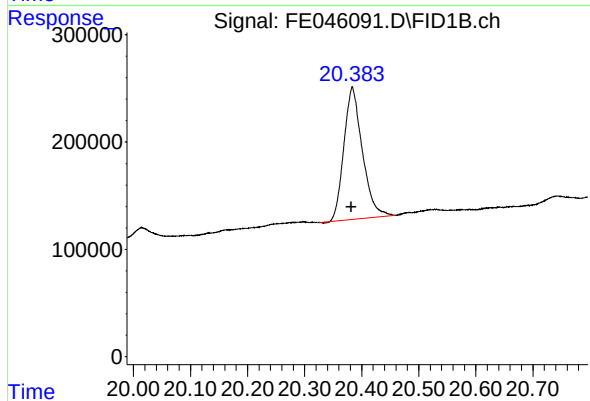
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: 0.002 min
Response: 3169411
Conc: 21.19 ug/ml



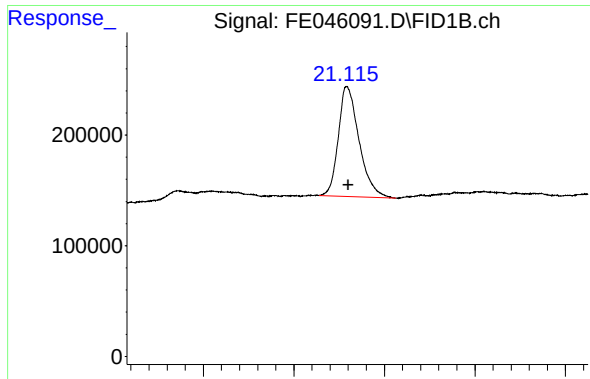
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: 0.003 min
Response: 2928900
Conc: 20.45 ug/ml



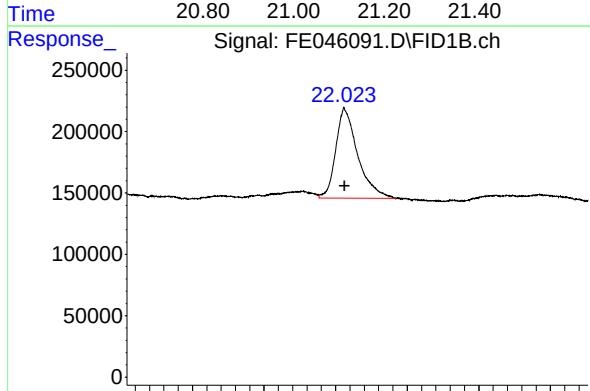
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.001 min
Response: 2769016
Conc: 18.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.116 min
Delta R.T.: -0.003 min
Response: 3170751
Conc: 21.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.023 min
Delta R.T.: -0.002 min
Response: 3125871
Conc: 19.97 ug/ml