

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020624AL\
 Data File : FE046604.D
 Signal(s) : FID1B.ch
 Acq On : 06 Feb 2024 05:35
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 06 06:05:44 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)	11.813	3218150	17.404 ug/ml
Spiked Amount 50.000		Recovery =	34.81%
12) S 1-chlorooctadecane (S...	13.255	2424994	17.044 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
Target Compounds			
1) T n-Nonane (C9)	3.203	3052272	18.896 ug/ml
2) T n-Decane (C10)	4.453	3160981	19.288 ug/ml
3) T A~Naphthalene (C11.7)	6.157	3220511	18.834 ug/ml
4) T n-Dodecane (C12)	6.620	3166319	19.142 ug/ml
5) T A~2-methylnaphthalene...	7.254	3045398	19.094 ug/ml
6) T n-Tetradecane (C14)	8.446	3093357	18.874 ug/ml
7) T n-Hexadecane (C16)	10.056	3131904	18.328 ug/ml
8) T n-Octadecane (C18)	11.499	3117698	17.883 ug/ml
10) T n-Eicosane (C20)	12.810	2944396	17.342 ug/ml
11) T n-Heneicosane (C21)	13.422	2871366	17.215 ug/ml
13) T n-Docosane (C22)	14.009	2841150	17.150 ug/ml
14) T n-Tetracosane (C24)	15.114	2809135	17.025 ug/ml
15) T n-Hexacosane (C26)	16.135	2740908	16.982 ug/ml
16) T n-Octacosane (C28)	17.086	2707723	17.249 ug/ml
17) T n-Tricontane (C30)	17.976	2747997	17.544 ug/ml
18) T n-Dotriacontane (C32)	18.810	2685285	17.765 ug/ml
19) T n-Tetratriacontane (C34)	19.595	2547347	17.960 ug/ml
20) T n-Hexatriacontane (C36)	20.339	2447671	17.757 ug/ml
21) T n-Octatriacontane (C38)	21.063	2490311	19.426 ug/ml
22) T n-Tetracontane (C40)	21.950	2399177	19.188 ug/ml

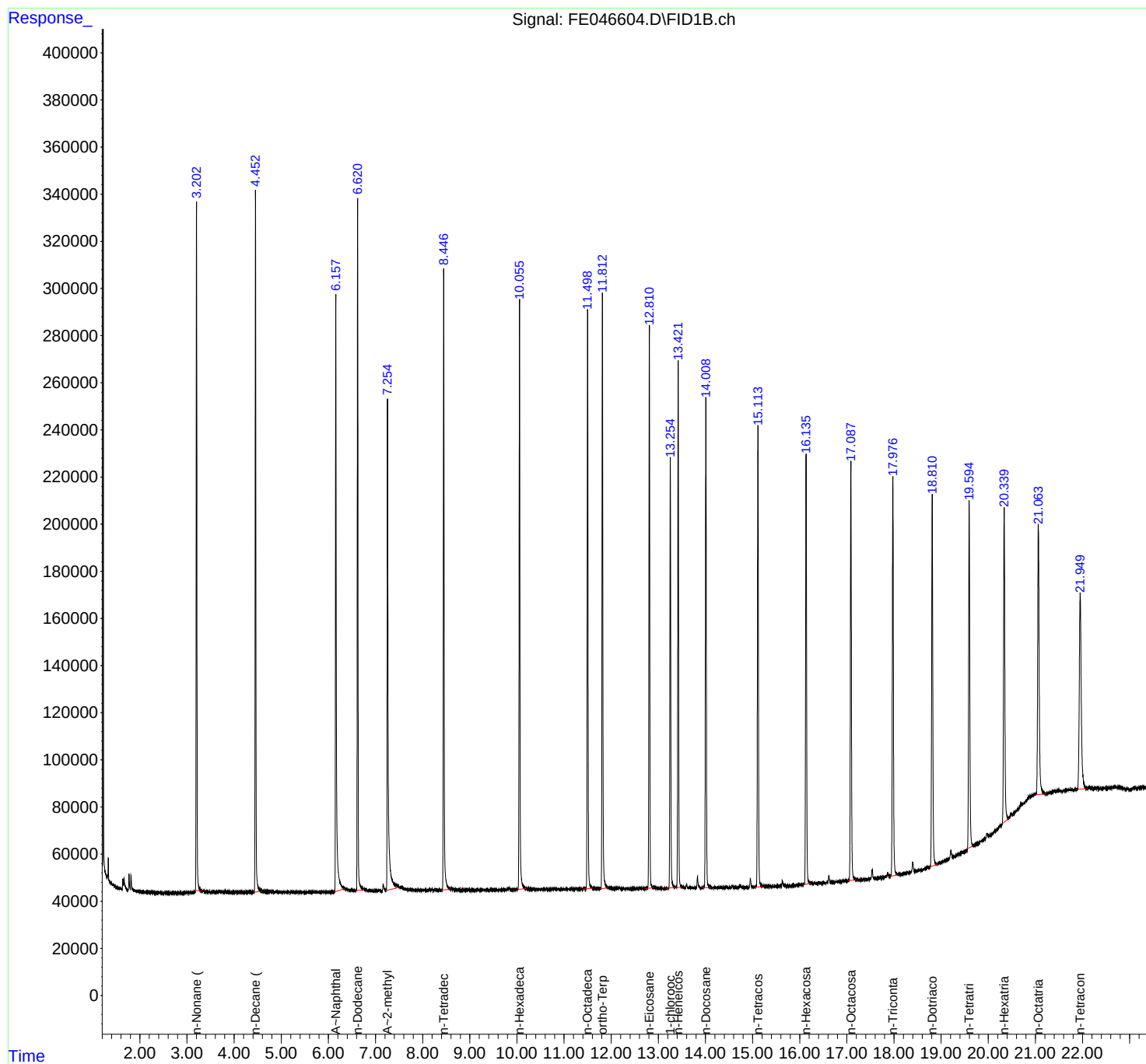
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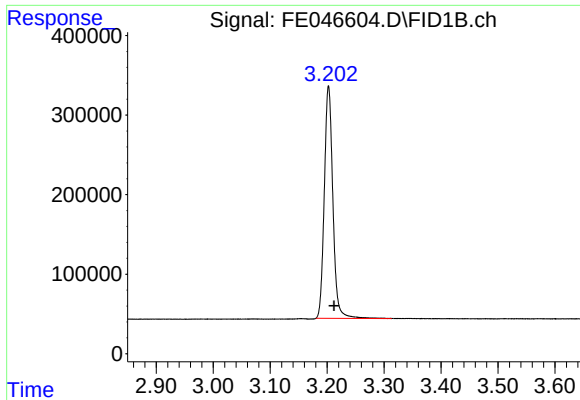
(m)=manual int.

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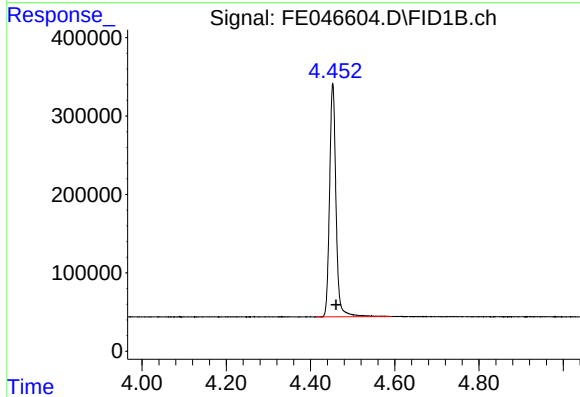
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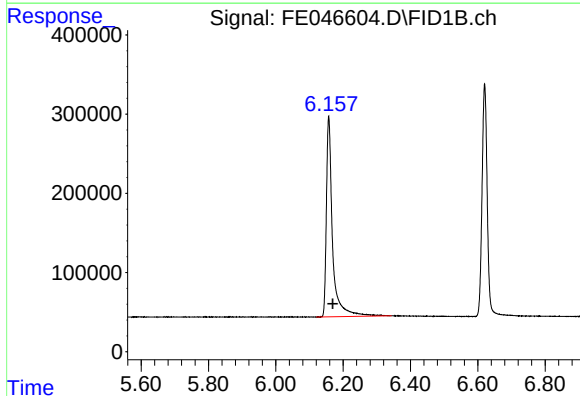
#1 n-Nonane (C9)

R.T.: 3.203 min
Delta R.T.: -0.009 min
Response: 3052272
Conc: 18.90 ug/ml



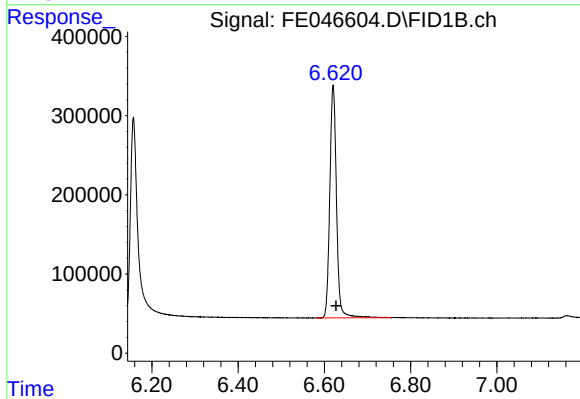
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: -0.008 min
Response: 3160981
Conc: 19.29 ug/ml



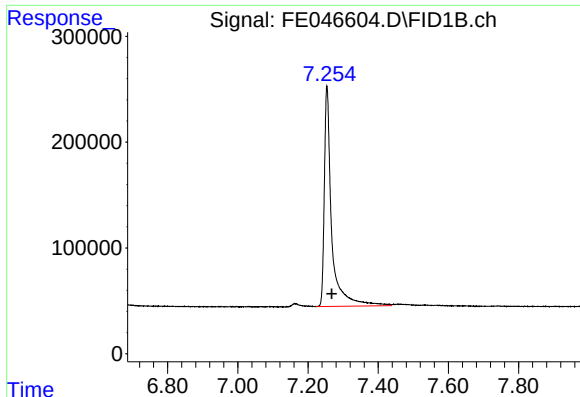
#3 A~Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.011 min
Response: 3220511
Conc: 18.83 ug/ml



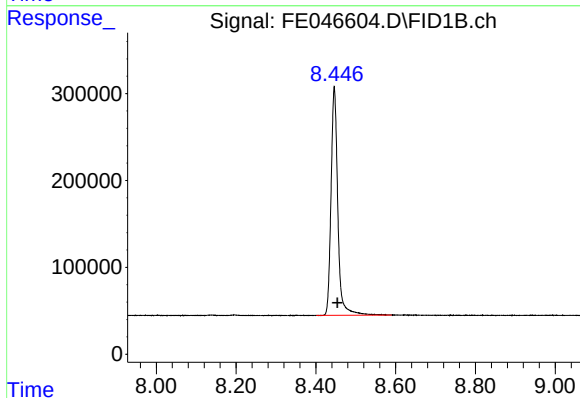
#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.006 min
Response: 3166319
Conc: 19.14 ug/ml



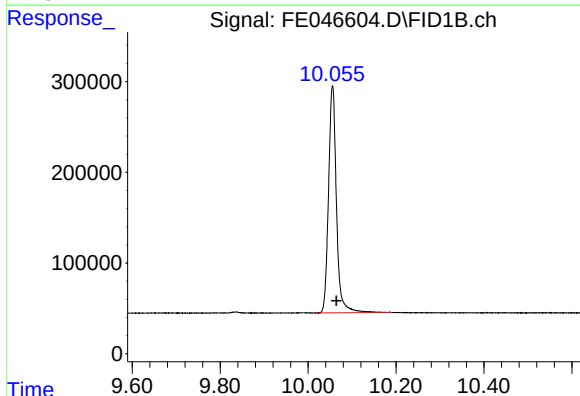
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.013 min
Response: 3045398
Conc: 19.09 ug/ml



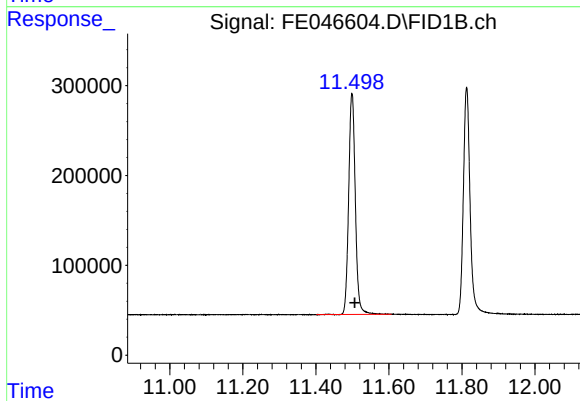
#6 n-Tetradecane (C14)

R.T.: 8.446 min
Delta R.T.: -0.008 min
Response: 3093357
Conc: 18.87 ug/ml



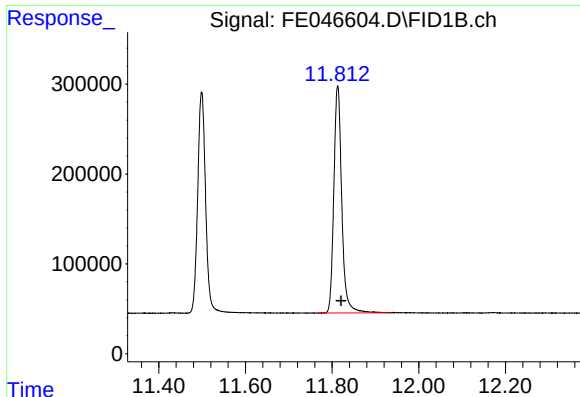
#7 n-Hexadecane (C16)

R.T.: 10.056 min
Delta R.T.: -0.008 min
Response: 3131904
Conc: 18.33 ug/ml



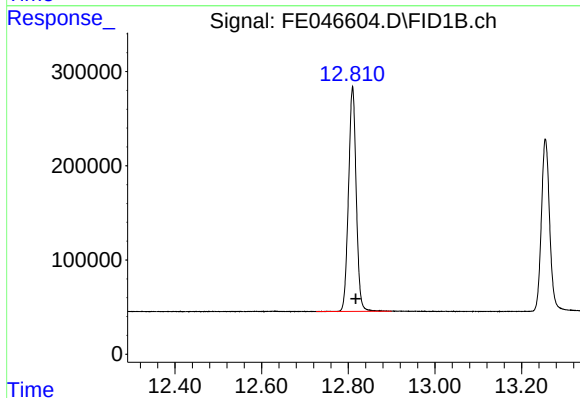
#8 n-Octadecane (C18)

R.T.: 11.499 min
Delta R.T.: -0.007 min
Response: 3117698
Conc: 17.88 ug/ml



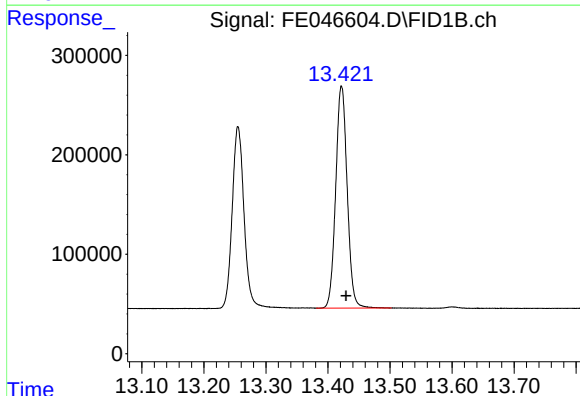
#9 ortho-Terphenyl (SURR)

R.T.: 11.813 min
Delta R.T.: -0.007 min
Response: 3218150
Conc: 17.40 ug/ml



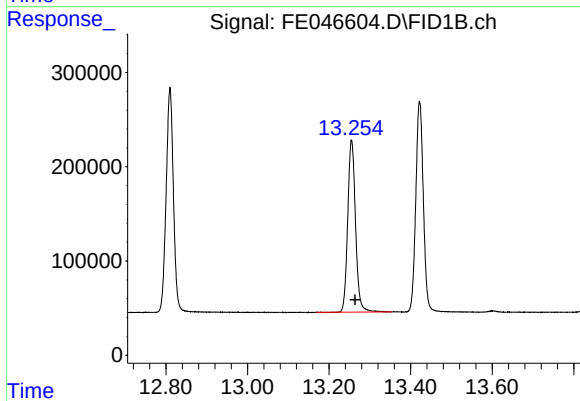
#10 n-Eicosane (C20)

R.T.: 12.810 min
Delta R.T.: -0.007 min
Response: 2944396
Conc: 17.34 ug/ml



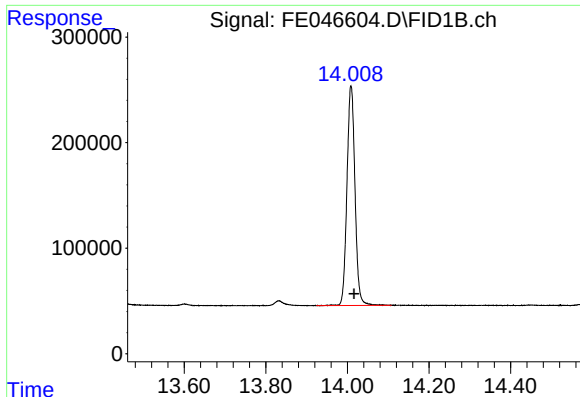
#11 n-Heneicosane (C21)

R.T.: 13.422 min
Delta R.T.: -0.007 min
Response: 2871366
Conc: 17.22 ug/ml



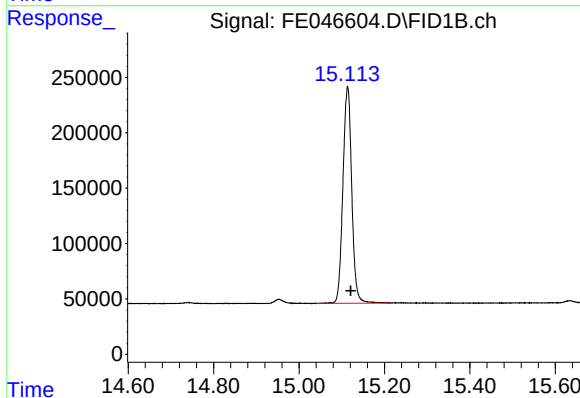
#12 1-chlorooctadecane (SURR)

R.T.: 13.255 min
Delta R.T.: -0.009 min
Response: 2424994
Conc: 17.04 ug/ml



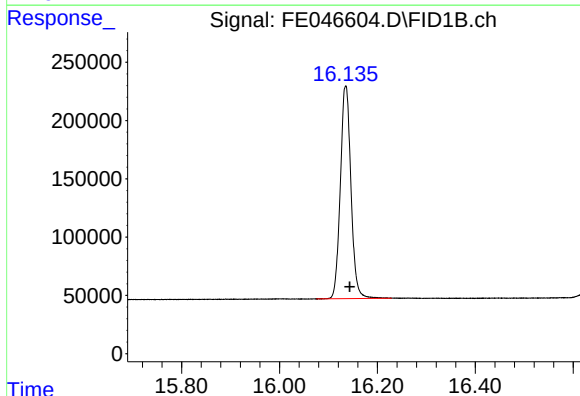
#13 n-Docosane (C22)

R.T.: 14.009 min
Delta R.T.: -0.007 min
Response: 2841150
Conc: 17.15 ug/ml



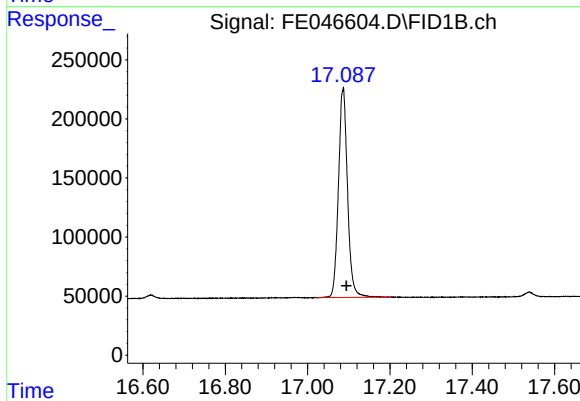
#14 n-Tetracosane (C24)

R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 2809135
Conc: 17.02 ug/ml



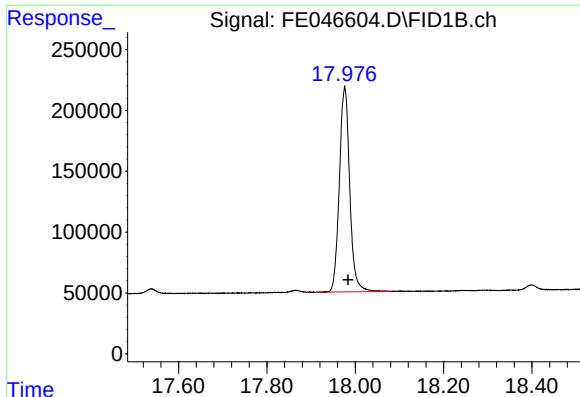
#15 n-Hexacosane (C26)

R.T.: 16.135 min
Delta R.T.: -0.009 min
Response: 2740908
Conc: 16.98 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 2707723
Conc: 17.25 ug/ml



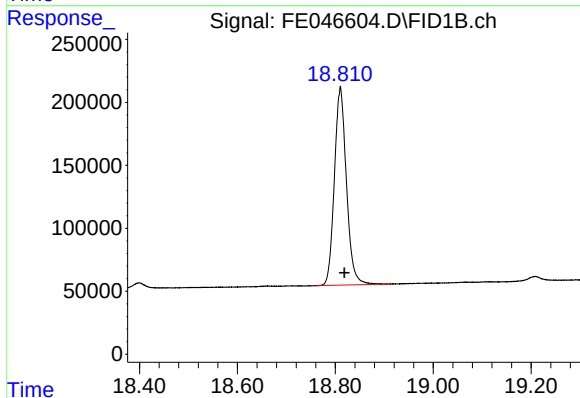
#17 n-Tricontane (C30)

R.T.: 17.976 min

Delta R.T.: -0.007 min

Response: 2747997

Conc: 17.54 ug/ml



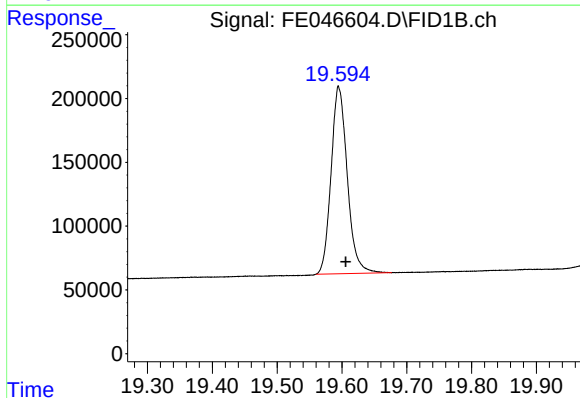
#18 n-Dotriacontane (C32)

R.T.: 18.810 min

Delta R.T.: -0.008 min

Response: 2685285

Conc: 17.76 ug/ml



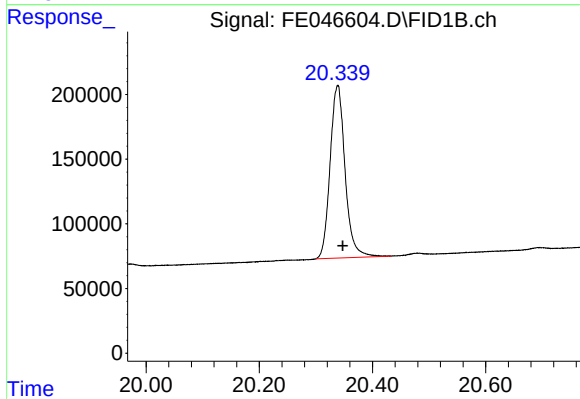
#19 n-Tetratriacontane (C34)

R.T.: 19.595 min

Delta R.T.: -0.011 min

Response: 2547347

Conc: 17.96 ug/ml



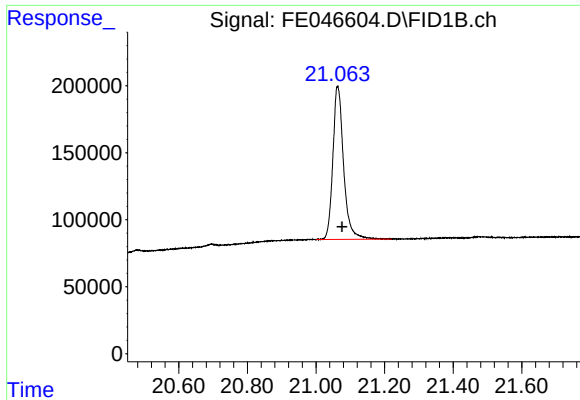
#20 n-Hexatriacontane (C36)

R.T.: 20.339 min

Delta R.T.: -0.009 min

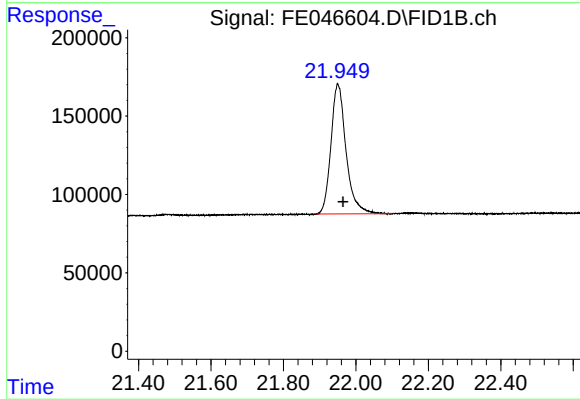
Response: 2447671

Conc: 17.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.063 min
Delta R.T.: -0.014 min
Response: 2490311
Conc: 19.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.950 min
Delta R.T.: -0.015 min
Response: 2399177
Conc: 19.19 ug/ml