

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102824AL\
 Data File : FE050850.D
 Signal(s) : FID1B.ch
 Acq On : 28 Oct 2024 09:21
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 29 03:44:32 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.859	2998790	19.021 ug/ml
Spiked Amount 50.000		Recovery =	38.04%
12) S 1-chlorooctadecane (S...	13.293	2257620	19.085 ug/ml
Spiked Amount 50.000		Recovery =	38.17%
Target Compounds			
1) T n-Nonane (C9)	3.247	2683792	18.995 ug/ml
2) T n-Decane (C10)	4.497	2777262	19.357 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2779411	19.438 ug/ml
4) T n-Dodecane (C12)	6.665	2791084	19.391 ug/ml
5) T A~2-methylnaphthalene...	7.305	2584471	19.508 ug/ml
6) T n-Tetradecane (C14)	8.492	2766409	19.336 ug/ml
7) T n-Hexadecane (C16)	10.098	2841410	19.307 ug/ml
8) T n-Octadecane (C18)	11.539	2859764	19.146 ug/ml
10) T n-Eicosane (C20)	12.847	2723361	18.991 ug/ml
11) T n-Heneicosane (C21)	13.458	2672384	19.030 ug/ml
13) T n-Docosane (C22)	14.044	2657938	18.945 ug/ml
14) T n-Tetracosane (C24)	15.146	2656336	18.802 ug/ml
15) T n-Hexacosane (C26)	16.165	2672051	18.989 ug/ml
16) T n-Octacosane (C28)	17.113	2733491	18.680 ug/ml
17) T n-Tricontane (C30)	18.000	3041946	19.131 ug/ml
18) T n-Dotriacontane (C32)	18.832	3198232	19.728 ug/ml
19) T n-Tetratriacontane (C34)	19.615	2966223	20.193 ug/ml
20) T n-Hexatriacontane (C36)	20.355	2549748	20.106 ug/ml
21) T n-Octatriacontane (C38)	21.079	2422851	19.595 ug/ml
22) T n-Tetracontane (C40)	21.964	1823128	16.373 ug/ml

(f)=RT Delta > 1/2 Window

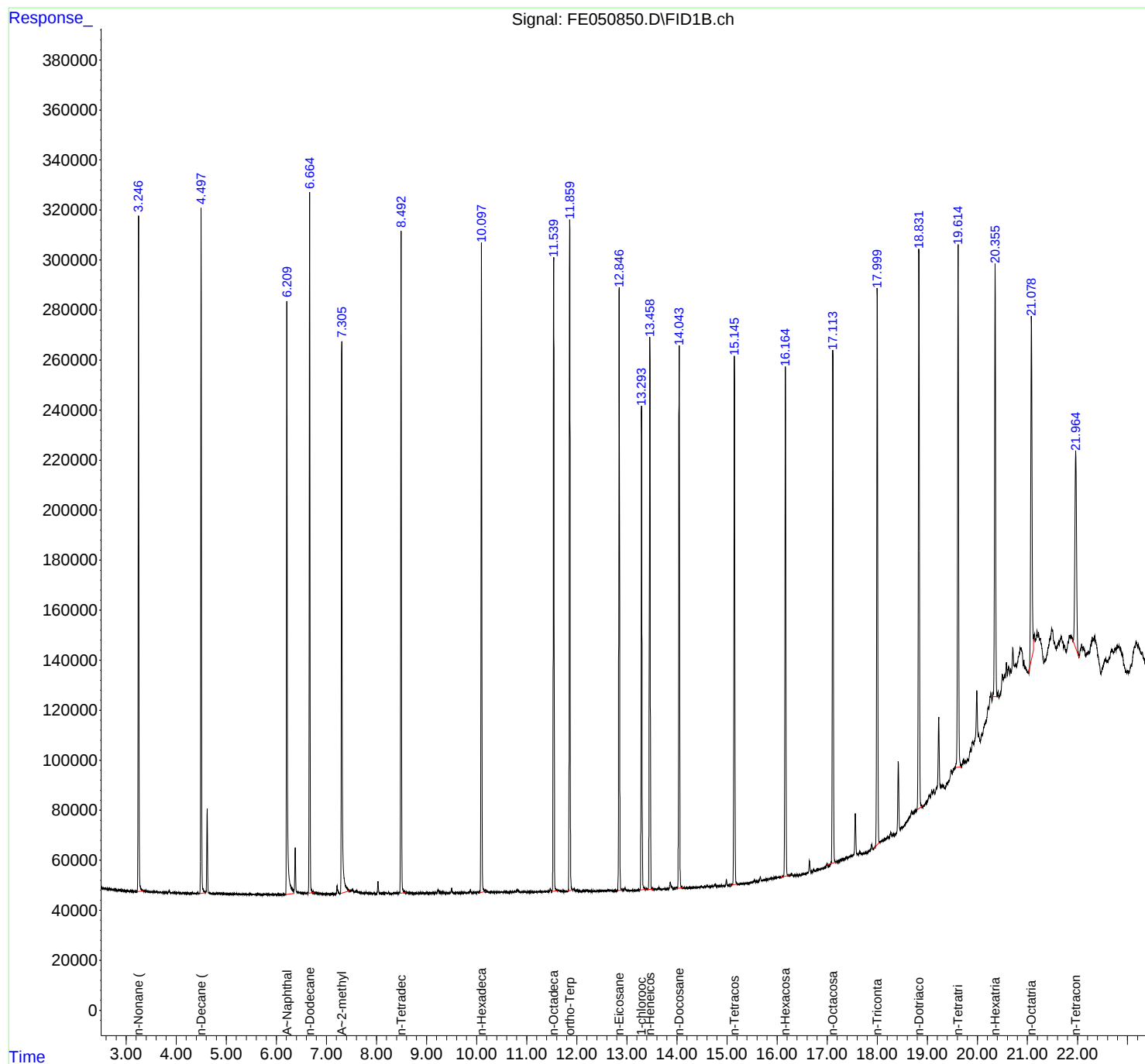
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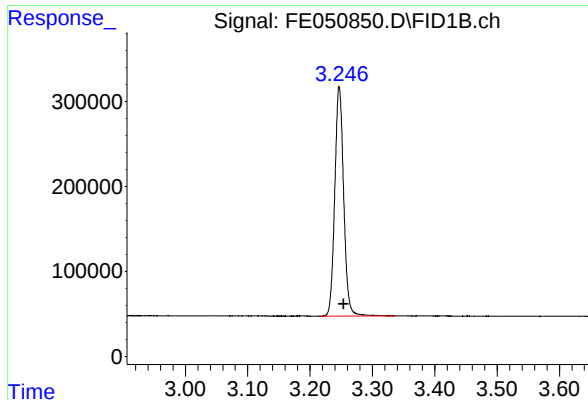
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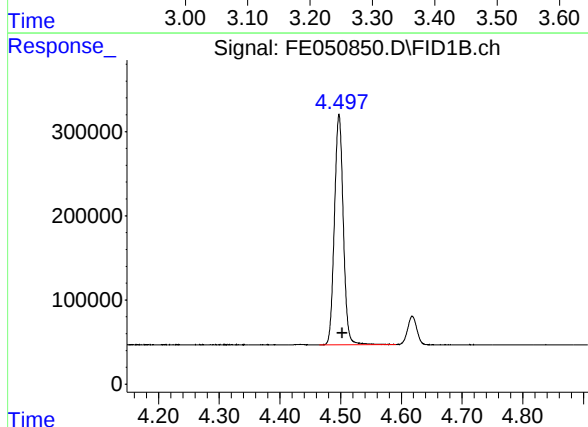




#1 n-Nonane (C9)

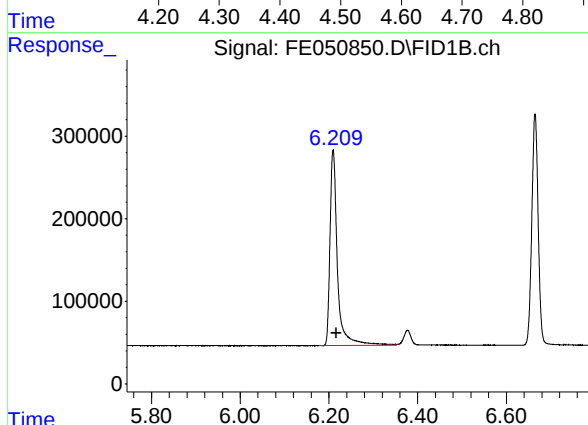
R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 2683792
Conc: 18.99 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



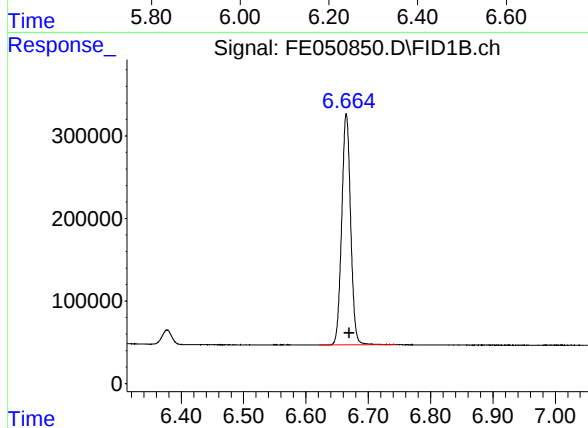
#2 n-Decane (C10)

R.T.: 4.497 min
Delta R.T.: -0.006 min
Response: 2777262
Conc: 19.36 ug/ml



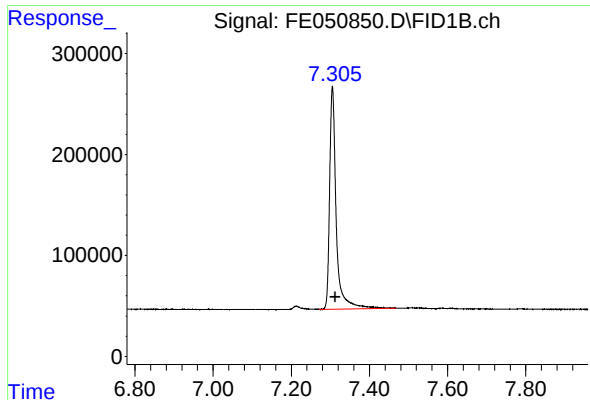
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.007 min
Response: 2779411
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

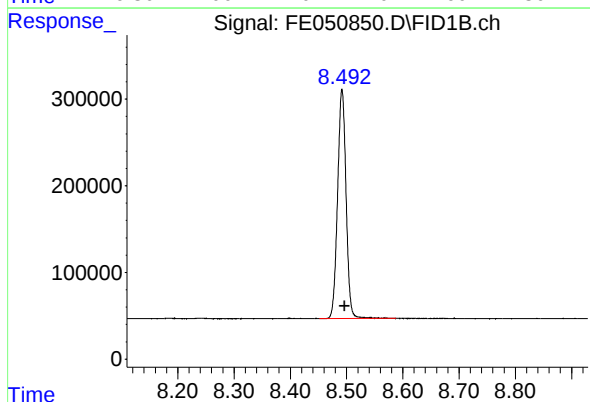
R.T.: 6.665 min
Delta R.T.: -0.005 min
Response: 2791084
Conc: 19.39 ug/ml



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

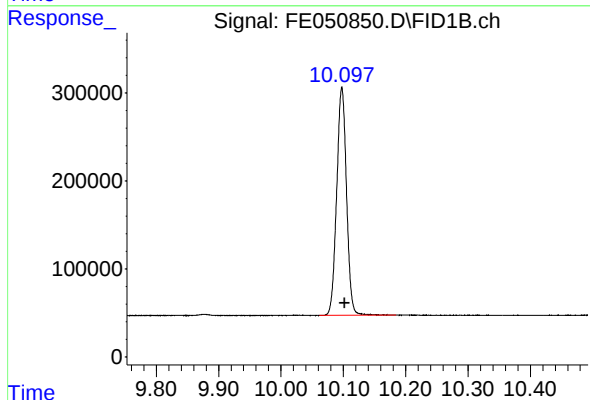
R.T.: 7.305 min
Delta R.T.: -0.007 min
Response: 2584471
Conc: 19.51 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



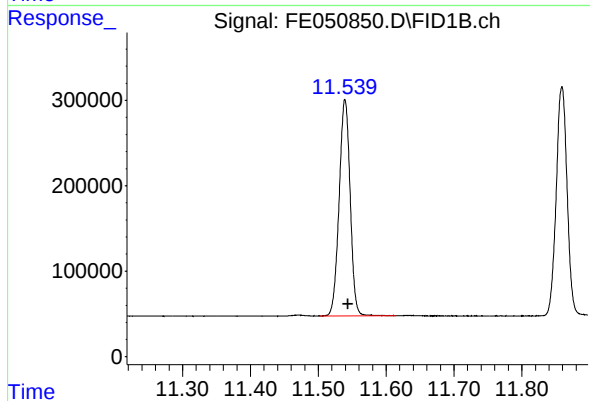
#6 n-Tetradecane (C14)

R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 2766409
Conc: 19.34 ug/ml



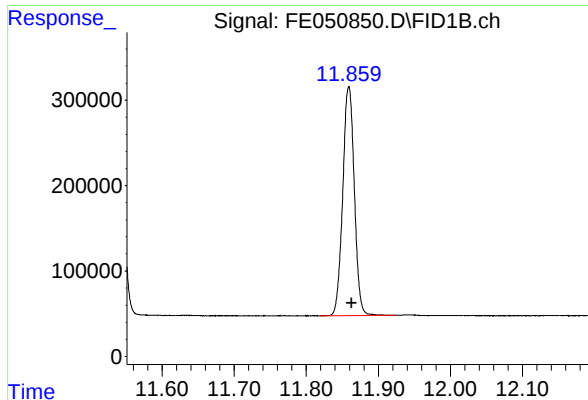
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.005 min
Response: 2841410
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

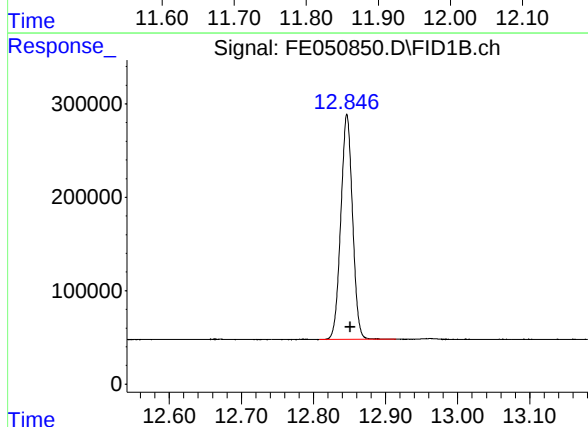
R.T.: 11.539 min
Delta R.T.: -0.004 min
Response: 2859764
Conc: 19.15 ug/ml



#9 ortho-Terphenyl (SURR)

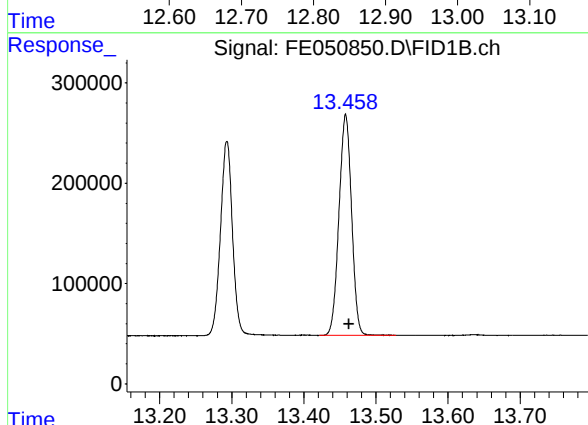
R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 2998790
Conc: 19.02 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



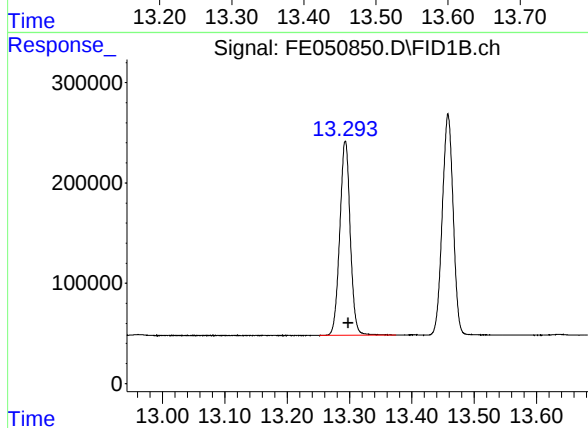
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.005 min
Response: 2723361
Conc: 18.99 ug/ml



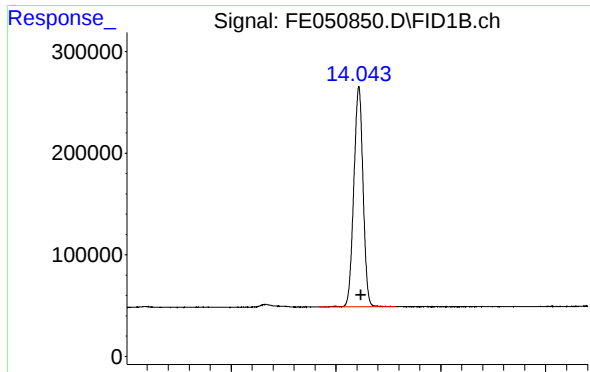
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.005 min
Response: 2672384
Conc: 19.03 ug/ml



#12 1-chlorooctadecane (SURR)

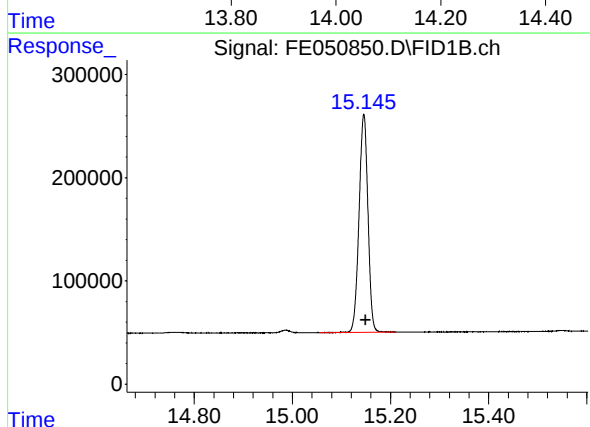
R.T.: 13.293 min
Delta R.T.: -0.005 min
Response: 2257620
Conc: 19.08 ug/ml



#13 n-Docosane (C22)

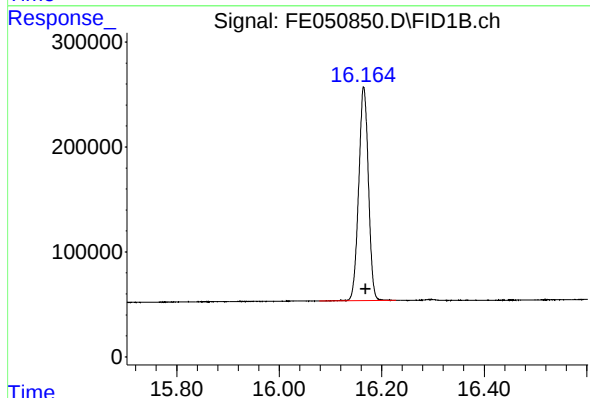
R.T.: 14.044 min
Delta R.T.: -0.004 min
Response: 2657938
Conc: 18.95 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



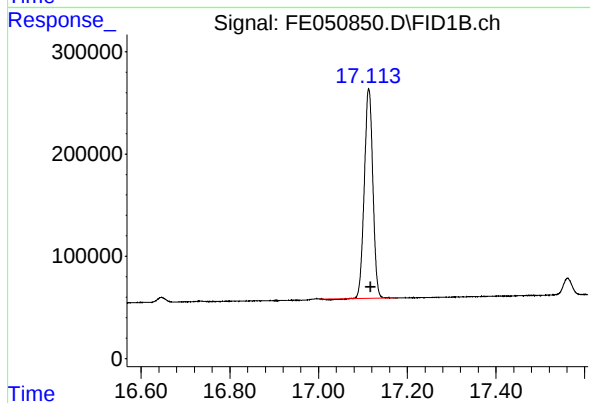
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.004 min
Response: 2656336
Conc: 18.80 ug/ml



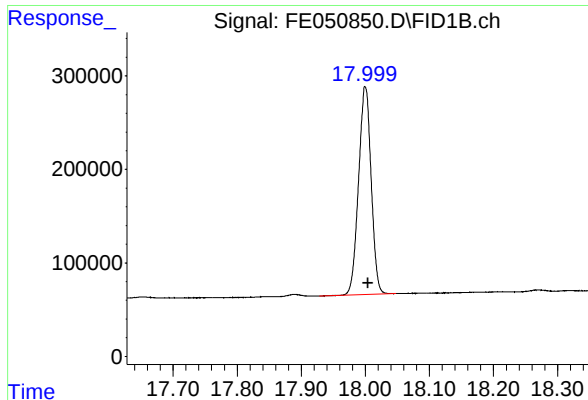
#15 n-Hexacosane (C26)

R.T.: 16.165 min
Delta R.T.: -0.004 min
Response: 2672051
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

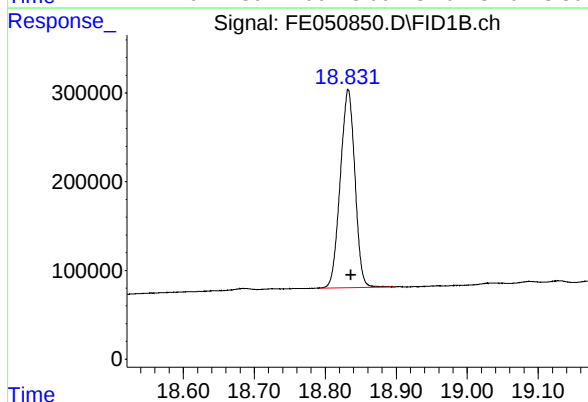
R.T.: 17.113 min
Delta R.T.: -0.004 min
Response: 2733491
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

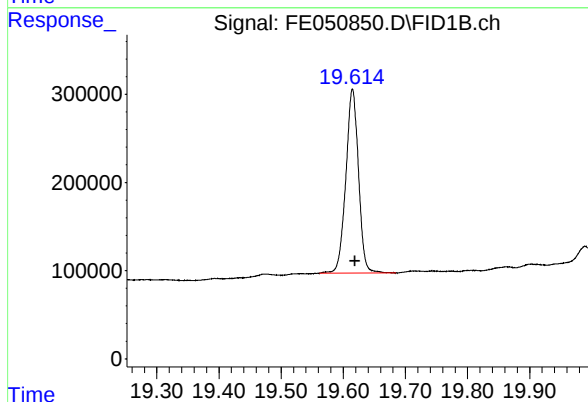
R.T.: 18.000 min
Delta R.T.: -0.004 min
Response: 3041946
Conc: 19.13 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



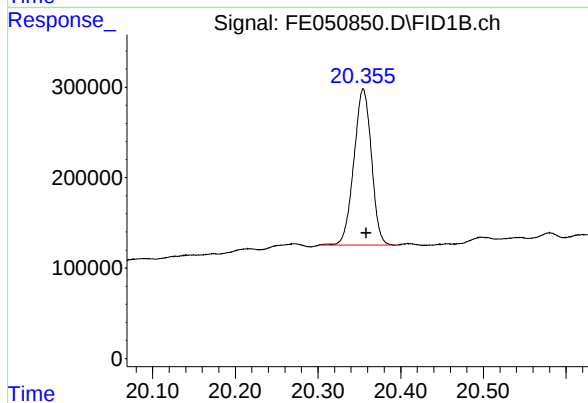
#18 n-Dotriacontane (C32)

R.T.: 18.832 min
Delta R.T.: -0.004 min
Response: 3198232
Conc: 19.73 ug/ml



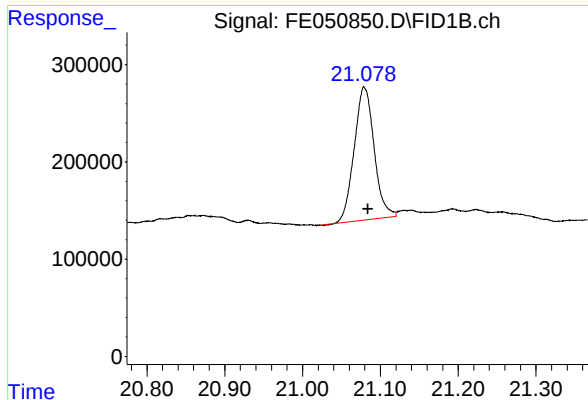
#19 n-Tetatriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.004 min
Response: 2966223
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

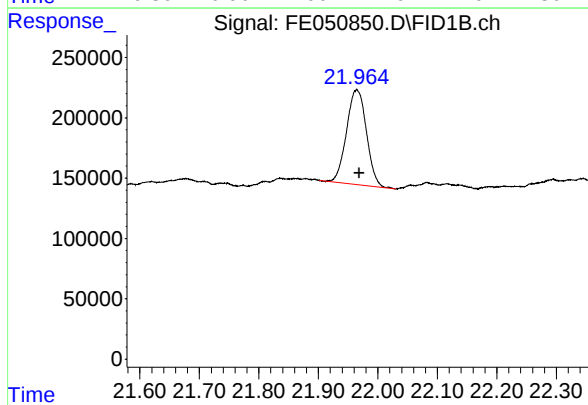
R.T.: 20.355 min
Delta R.T.: -0.004 min
Response: 2549748
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.005 min
Response: 2422851
Conc: 19.59 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.005 min
Response: 1823128
Conc: 16.37 ug/ml