

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045874.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 22:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 16 02:38:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 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)	11.836	4183322	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
12) S 1-chlorooctadecane (S...	13.279	3084935	19.606 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.227	3574577	22.542 ug/ml
2) T n-Decane (C10)	4.478	3617560	22.591 ug/ml
3) T A~Naphthalene (C11.7)	6.177	3897745	22.376 ug/ml
4) T n-Dodecane (C12)	6.644	3635299	22.506 ug/ml
5) T A~2-methylnaphthalene...	7.273	3771405	22.208 ug/ml
6) T n-Tetradecane (C14)	8.471	3582438	22.331 ug/ml
7) T n-Hexadecane (C16)	10.080	3605223	21.771 ug/ml
8) T n-Octadecane (C18)	11.524	3586804	20.920 ug/ml
10) T n-Eicosane (C20)	12.835	3446427	19.919 ug/ml
11) T n-Heneicosane (C21)	13.448	3362629	19.547 ug/ml
13) T n-Docosane (C22)	14.035	3301043	19.145 ug/ml
14) T n-Tetracosane (C24)	15.139	3208384	18.378 ug/ml
15) T n-Hexacosane (C26)	16.161	3133438	17.992 ug/ml
16) T n-Octacosane (C28)	17.114	3058599	17.697 ug/ml
17) T n-Tricontane (C30)	18.002	3085423	17.636 ug/ml
18) T n-Dotriacontane (C32)	18.836	3104754	17.018 ug/ml
19) T n-Tetratriacontane (C34)	19.623	3055885	18.417 ug/ml
20) T n-Hexatriacontane (C36)	20.364	3089724	19.464 ug/ml
21) T n-Octatriacontane (C38)	21.096	3208568	20.460 ug/ml
22) T n-Tetracontane (C40)	21.993	3364856	23.677 ug/ml

(f)=RT Delta > 1/2 Window

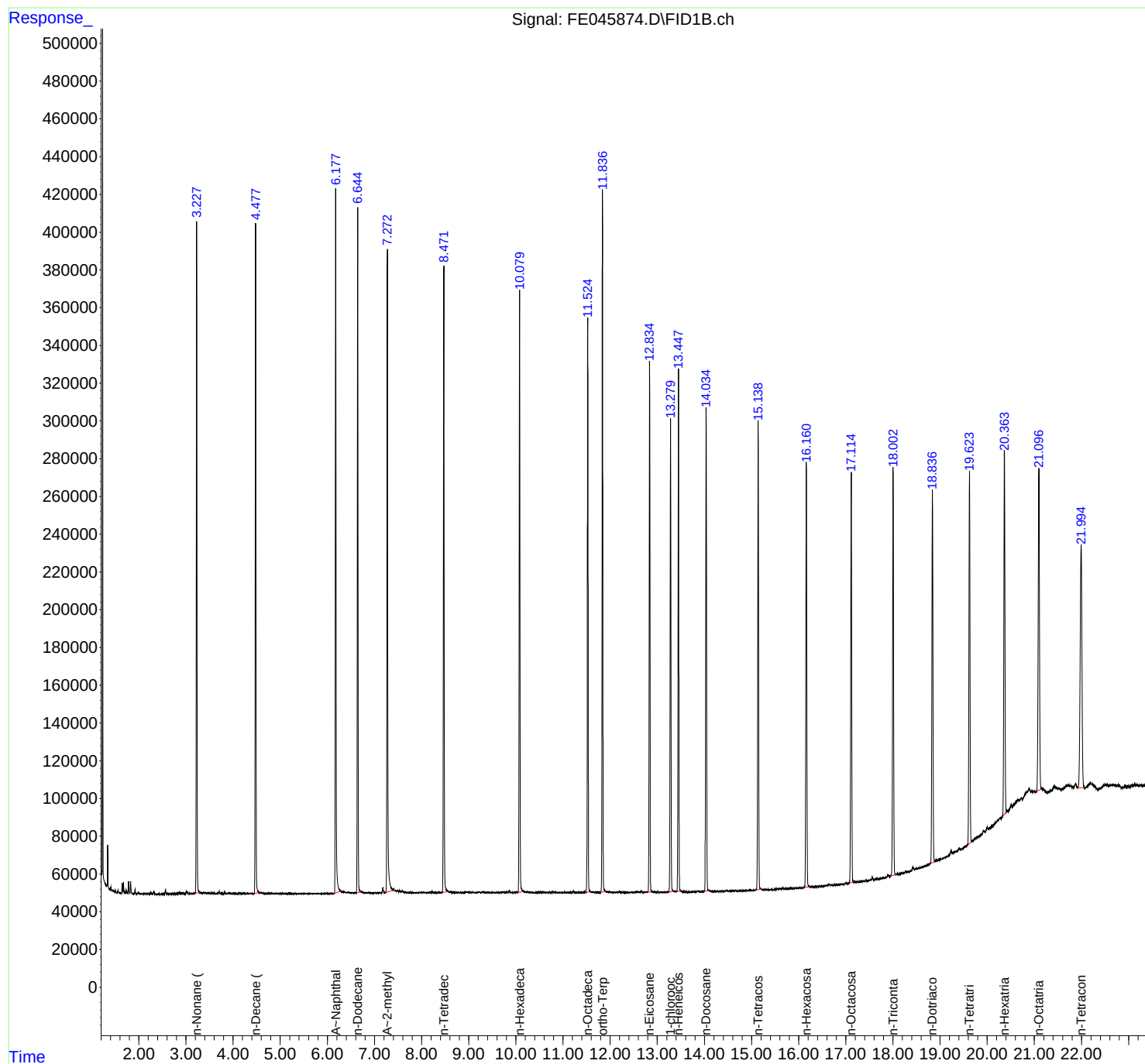
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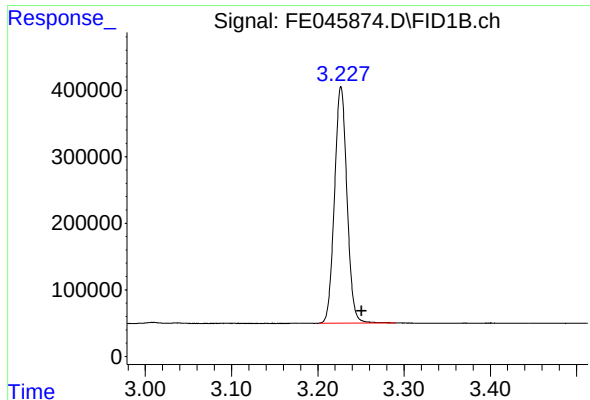
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
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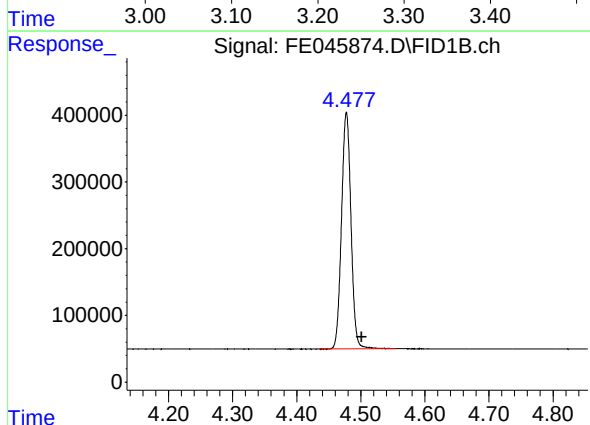




#1 n-Nonane (C9)

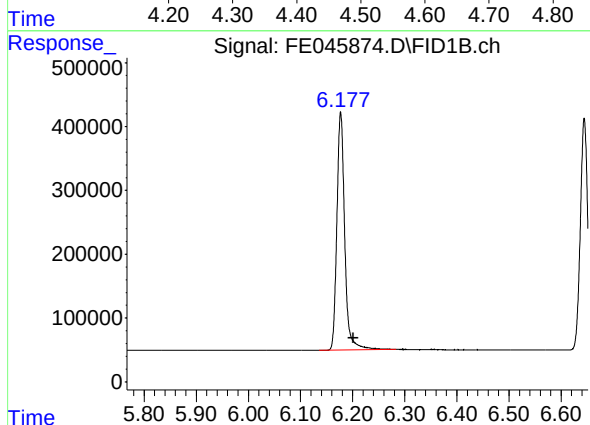
R.T.: 3.227 min
Delta R.T.: -0.024 min
Response: 3574577
Conc: 22.54 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



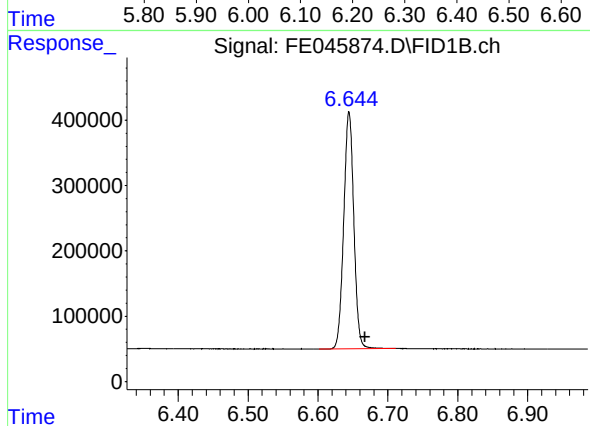
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.024 min
Response: 3617560
Conc: 22.59 ug/ml



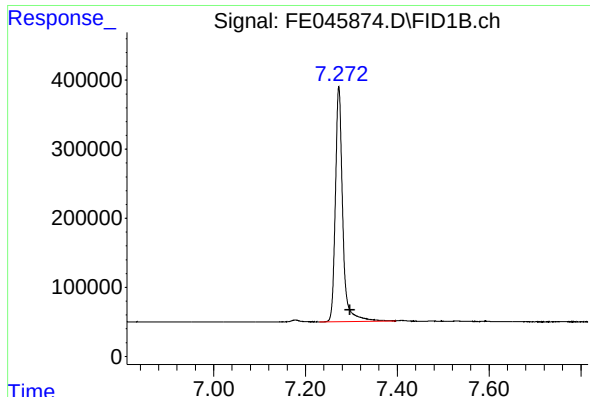
#3 A~Naphthalene (C11.7)

R.T.: 6.177 min
Delta R.T.: -0.024 min
Response: 3897745
Conc: 22.38 ug/ml



#4 n-Dodecane (C12)

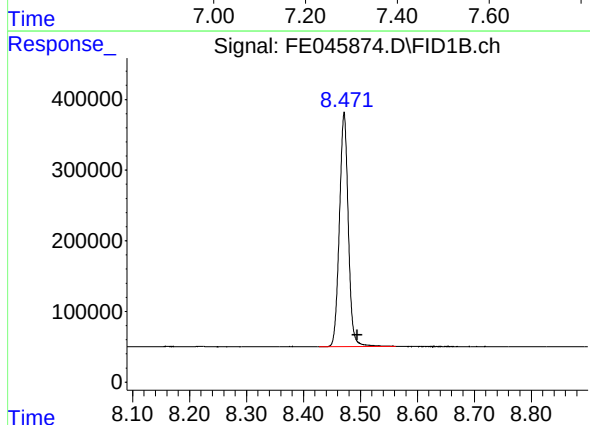
R.T.: 6.644 min
Delta R.T.: -0.023 min
Response: 3635299
Conc: 22.51 ug/ml



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

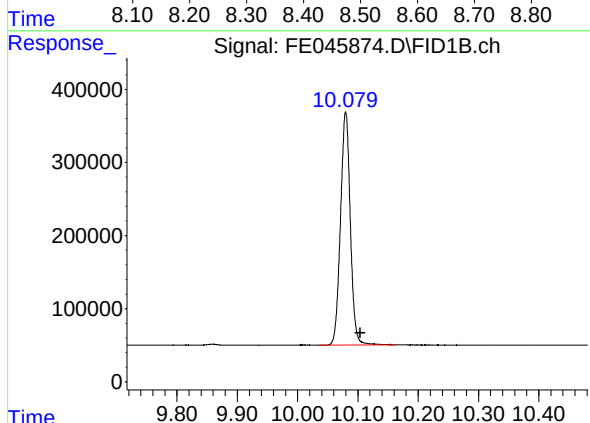
R.T.: 7.273 min
Delta R.T.: -0.025 min
Response: 3771405
Conc: 22.21 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



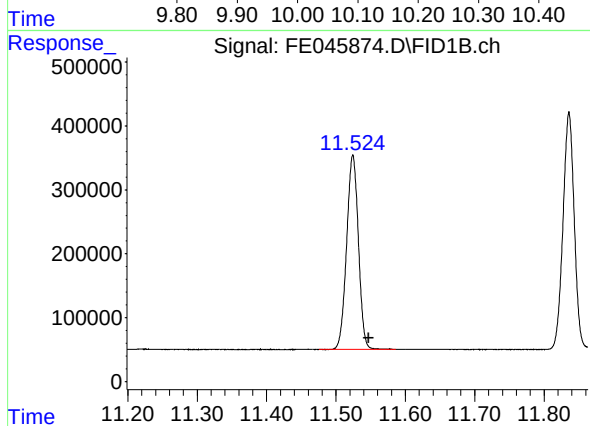
#6 n-Tetradecane (C14)

R.T.: 8.471 min
Delta R.T.: -0.023 min
Response: 3582438
Conc: 22.33 ug/ml



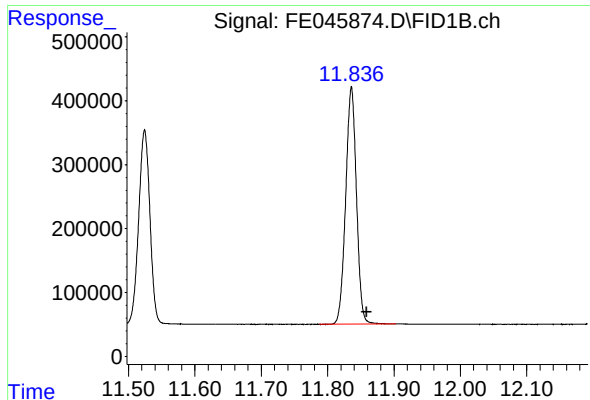
#7 n-Hexadecane (C16)

R.T.: 10.080 min
Delta R.T.: -0.024 min
Response: 3605223
Conc: 21.77 ug/ml



#8 n-Octadecane (C18)

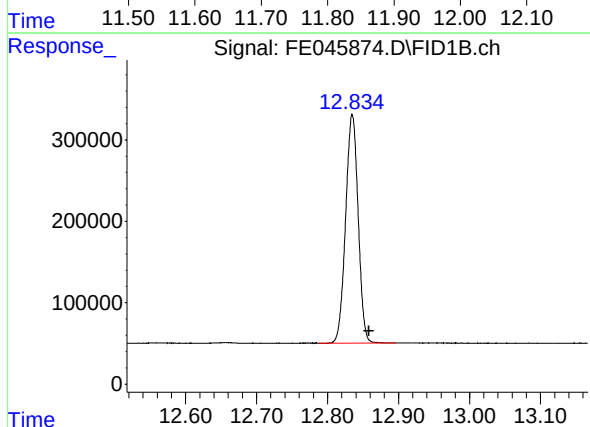
R.T.: 11.524 min
Delta R.T.: -0.023 min
Response: 3586804
Conc: 20.92 ug/ml



#9 ortho-Terphenyl (SURR)

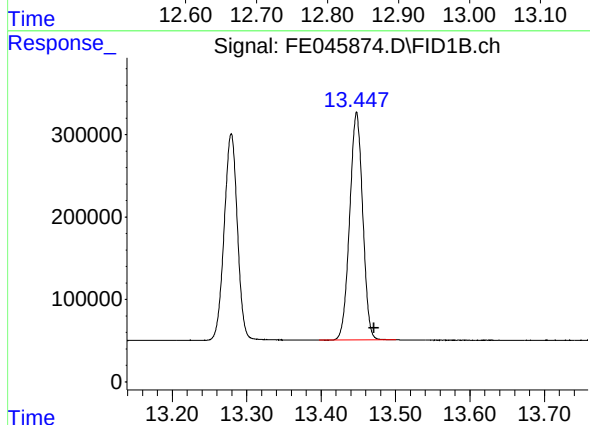
R.T.: 11.836 min
Delta R.T.: -0.023 min
Response: 4183322
Conc: 20.00 ug/ml

Instrument :
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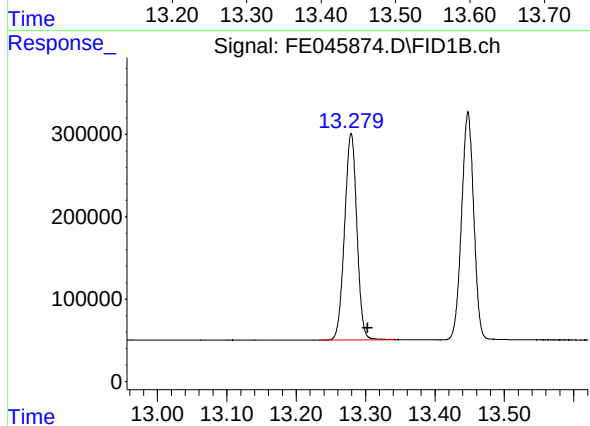
#10 n-Eicosane (C20)

R.T.: 12.835 min
Delta R.T.: -0.023 min
Response: 3446427
Conc: 19.92 ug/ml



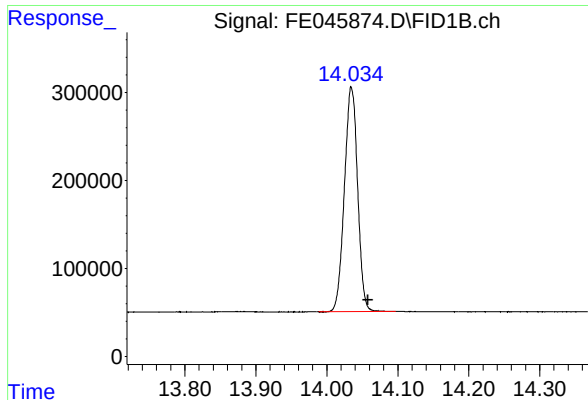
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.023 min
Response: 3362629
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

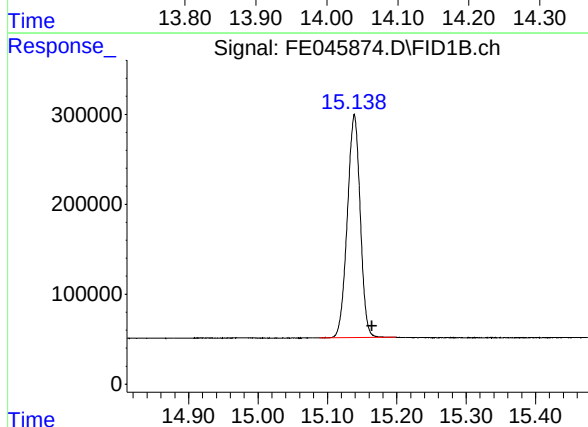
R.T.: 13.279 min
Delta R.T.: -0.024 min
Response: 3084935
Conc: 19.61 ug/ml



#13 n-Docosane (C22)

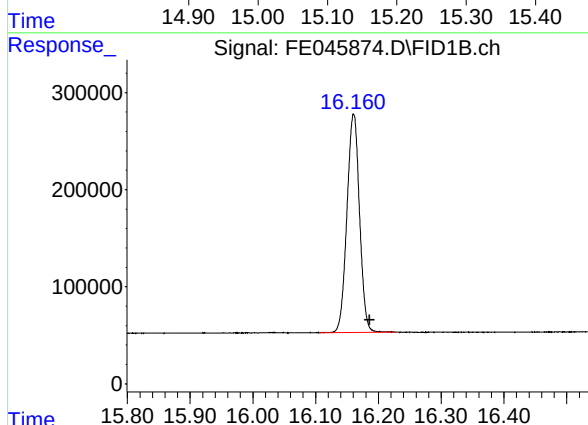
R.T.: 14.035 min
Delta R.T.: -0.024 min
Response: 3301043
Conc: 19.15 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



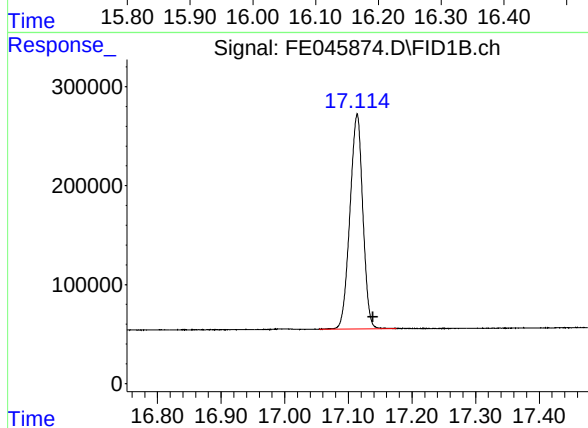
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.025 min
Response: 3208384
Conc: 18.38 ug/ml



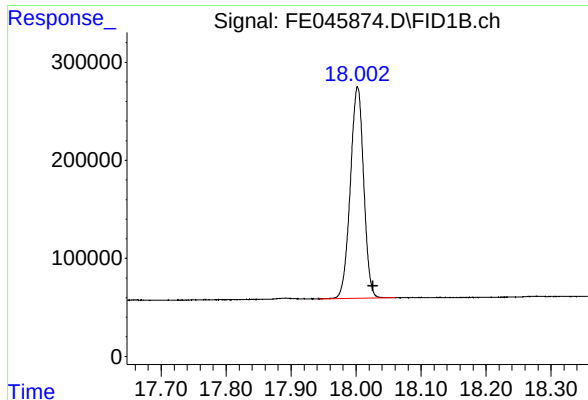
#15 n-Hexacosane (C26)

R.T.: 16.161 min
Delta R.T.: -0.025 min
Response: 3133438
Conc: 17.99 ug/ml



#16 n-Octacosane (C28)

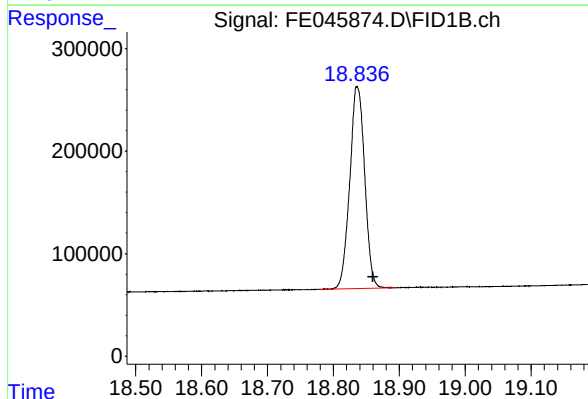
R.T.: 17.114 min
Delta R.T.: -0.024 min
Response: 3058599
Conc: 17.70 ug/ml



#17 n-Tricontane (C30)

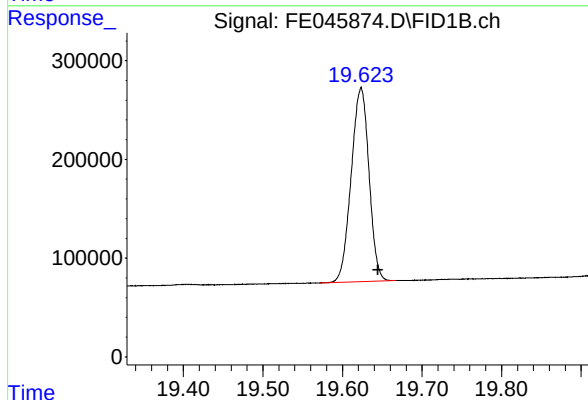
R.T.: 18.002 min
Delta R.T.: -0.024 min
Response: 3085423
Conc: 17.64 ug/ml

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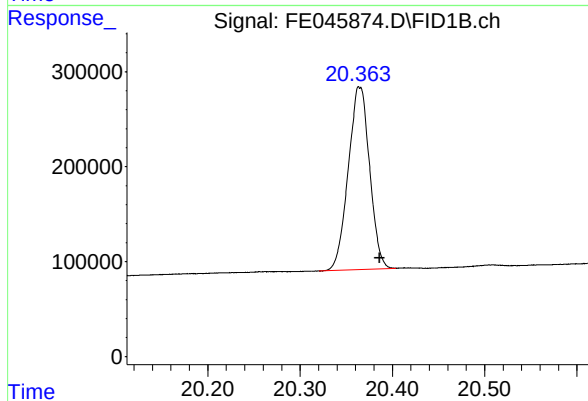
#18 n-Dotriacontane (C32)

R.T.: 18.836 min
Delta R.T.: -0.024 min
Response: 3104754
Conc: 17.02 ug/ml



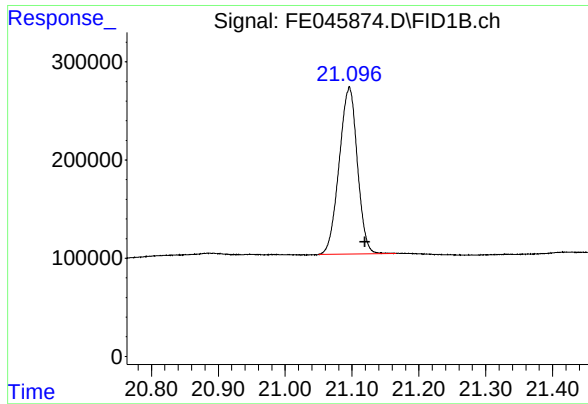
#19 n-Tetatriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.021 min
Response: 3055885
Conc: 18.42 ug/ml



#20 n-Hexatriacontane (C36)

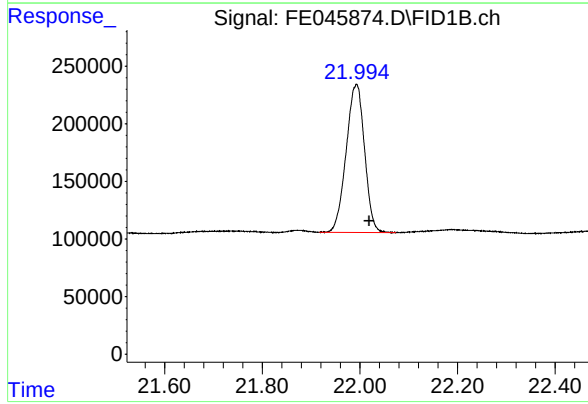
R.T.: 20.364 min
Delta R.T.: -0.022 min
Response: 3089724
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: -0.023 min
Response: 3208568
Conc: 20.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.026 min
Response: 3364856
Conc: 23.68 ug/ml