

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121523AL\
 Data File : FE045853.D
 Signal(s) : FID1B.ch
 Acq On : 15 Dec 2023 10:30
 Operator : YP\AJ
 Sample : PB157783BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB157783BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/18/2023

Supervised By :Ankita Jodhani 12/18/2023

Integration File: autoint1.e

Quant Time: Dec 15 22:34:44 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			
12) S 1-chlorooctadecane (S...	13.285	7397030	47.011 ug/ml
Spiked Amount 50.000		Recovery =	94.02%
Target Compounds			
1) T n-Nonane (C9)	3.230	4537031	28.611 ug/ml
2) T n-Decane (C10)	4.481	5650825	35.288 ug/mlm
4) T n-Dodecane (C12)	6.649	6764192	41.876 ug/ml
6) T n-Tetradecane (C14)	8.476	7403301	46.148 ug/ml
7) T n-Hexadecane (C16)	10.085	7888501	47.638 ug/ml
8) T n-Octadecane (C18)	11.530	8419214	49.106 ug/ml
10) T n-Eicosane (C20)	12.841	8683068	50.185 ug/ml
11) T n-Heneicosane (C21)	13.455	8278985	48.125 ug/ml
13) T n-Docosane (C22)	14.041	8223746	47.695 ug/ml
14) T n-Tetracosane (C24)	15.144	7999169	45.820 ug/mlm
15) T n-Hexacosane (C26)	16.167	7877954	45.236 ug/ml
16) T n-Octacosane (C28)	17.120	7744322	44.808 ug/ml
17) T n-Tricontane (C30)	18.008	7791624	44.537 ug/ml
18) T n-Dotriacontane (C32)	18.844	7735978	42.404 ug/ml
19) T n-Tetratriacontane (C34)	19.628	7649849	46.103 ug/ml
20) T n-Hexatriacontane (C36)	20.370	7468438	47.049 ug/ml
21) T n-Octatriacontane (C38)	21.102	7572050	48.285 ug/ml
22) T n-Tetracontane (C40)	22.003	7879377	55.444 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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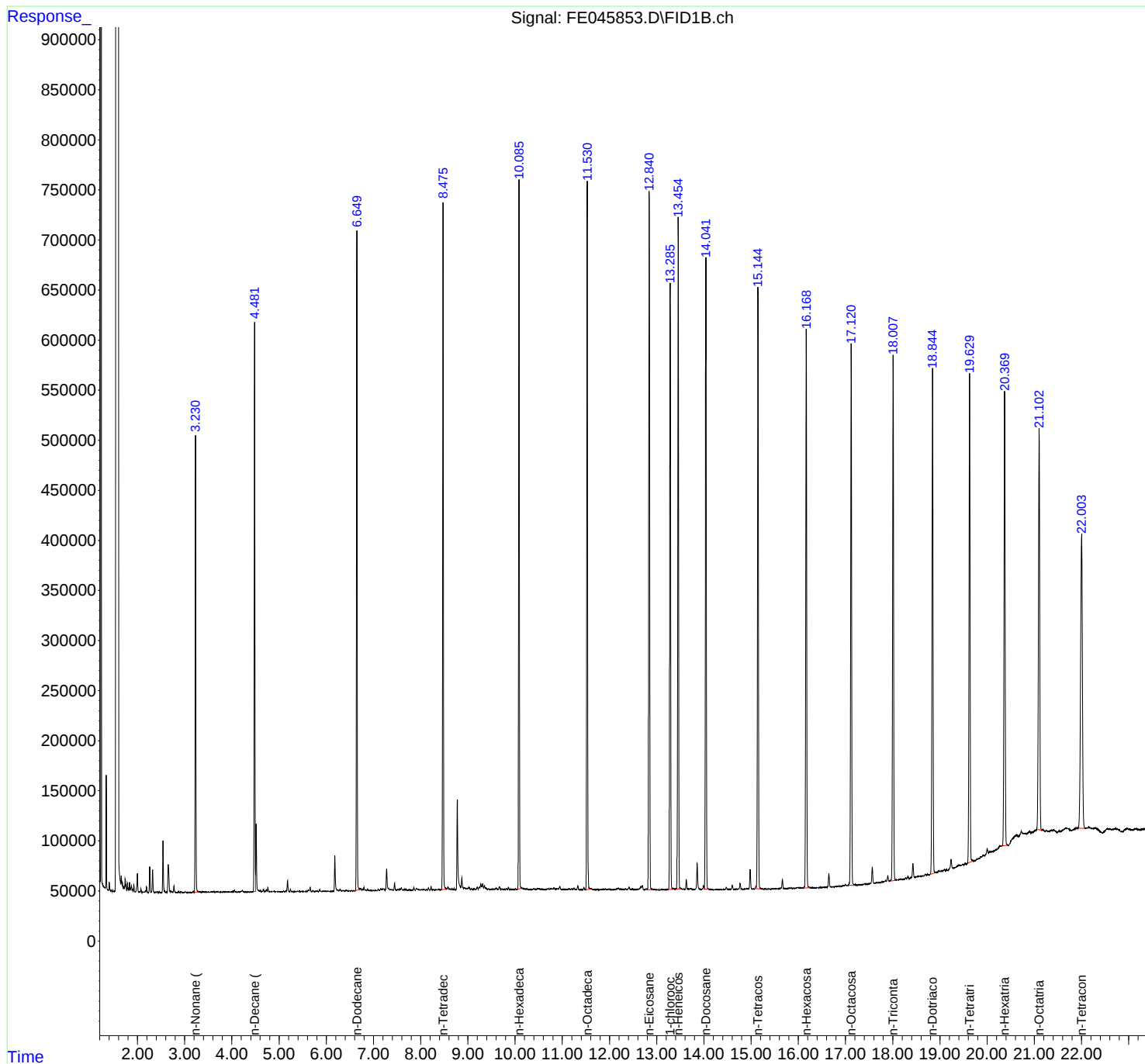
Response via : Initial Calibration

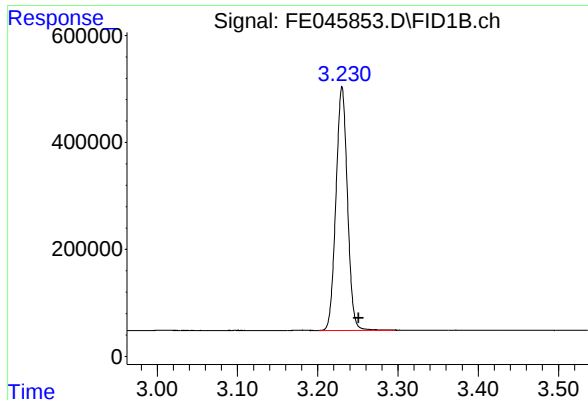
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





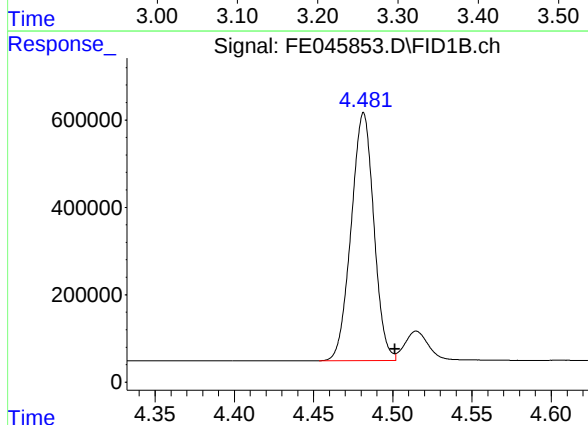
#1 n-Nonane (C9)

R.T.: 3.230 min
Delta R.T.: -0.021 min
Response: 4537031
Conc: 28.61 ug/ml

Instrument :
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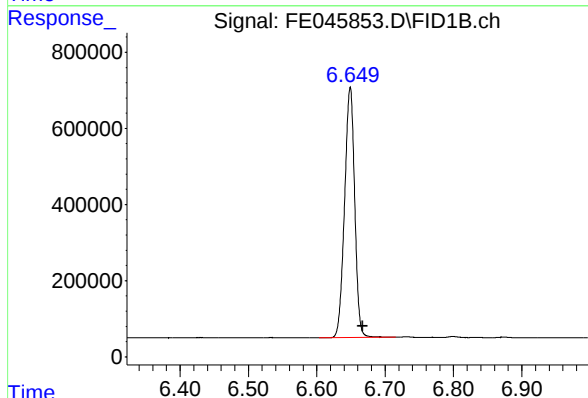
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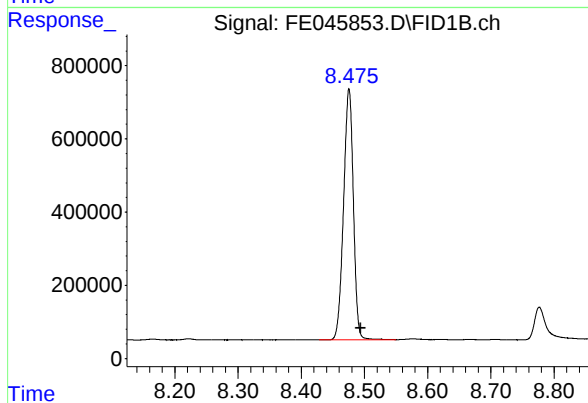
#2 n-Decane (C10)

R.T.: 4.481 min
Delta R.T.: -0.020 min
Response: 5650825
Conc: 35.29 ug/ml



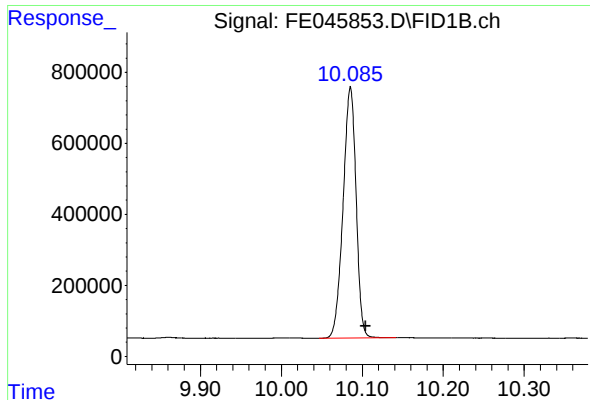
#4 n-Dodecane (C12)

R.T.: 6.649 min
Delta R.T.: -0.018 min
Response: 6764192
Conc: 41.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.019 min
Response: 7403301
Conc: 46.15 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.019 min
Response: 7888501
Conc: 47.64 ug/ml

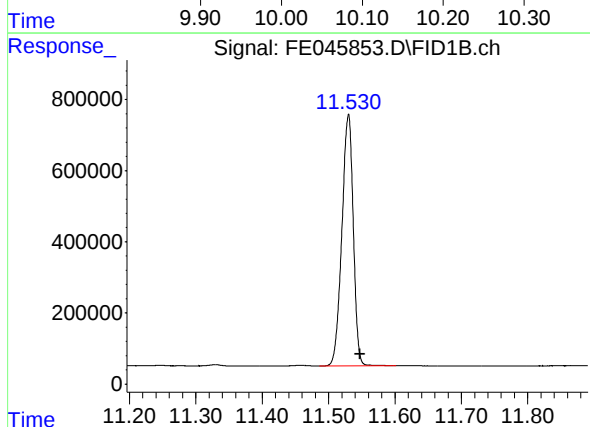
Instrument :

FID_E

ClientSampleId :
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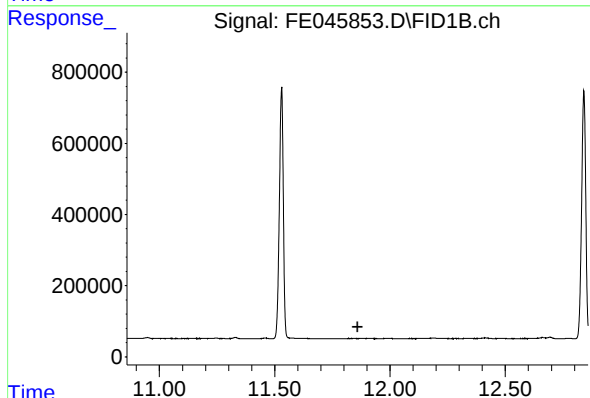
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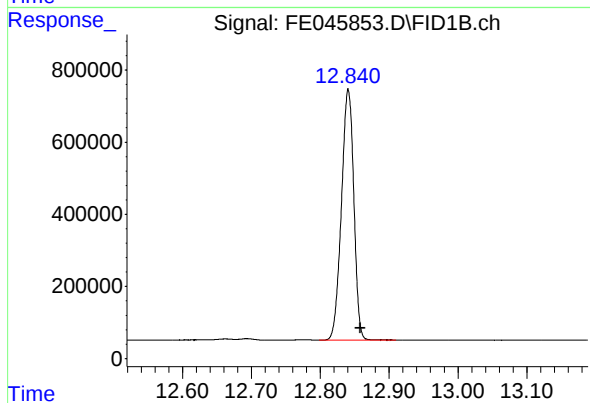
#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.017 min
Response: 8419214
Conc: 49.11 ug/ml



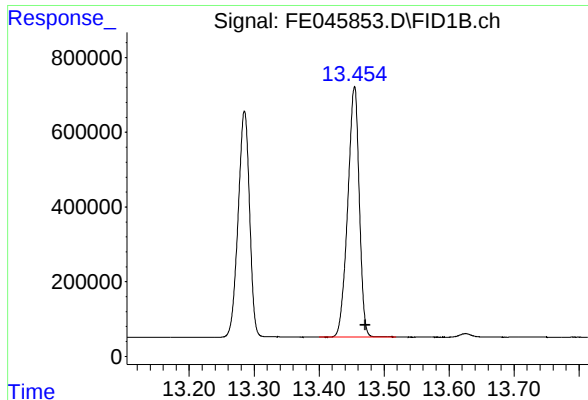
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.859 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.018 min
Response: 8683068
Conc: 50.18 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.455 min
Delta R.T.: -0.017 min
Response: 8278985
Conc: 48.13 ug/ml

Instrument :

FID_E

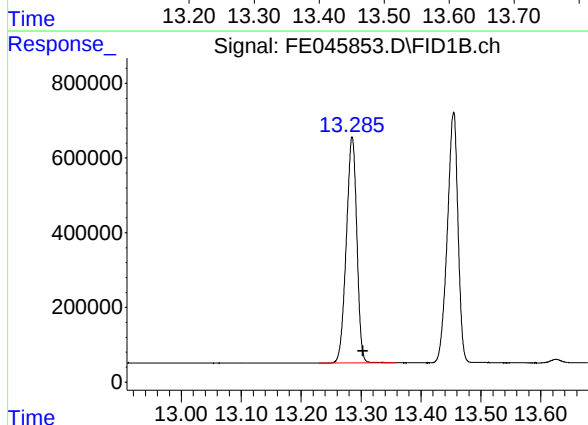
ClientSampleId :

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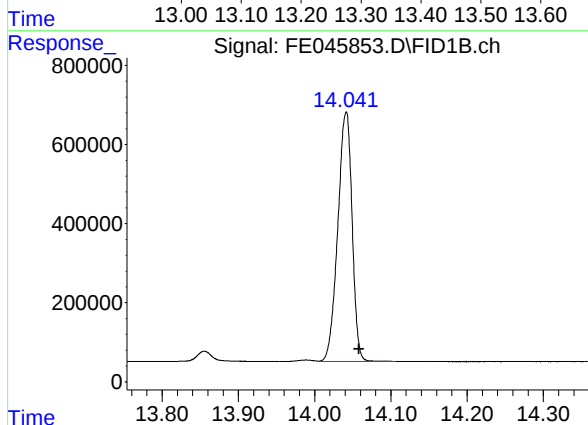
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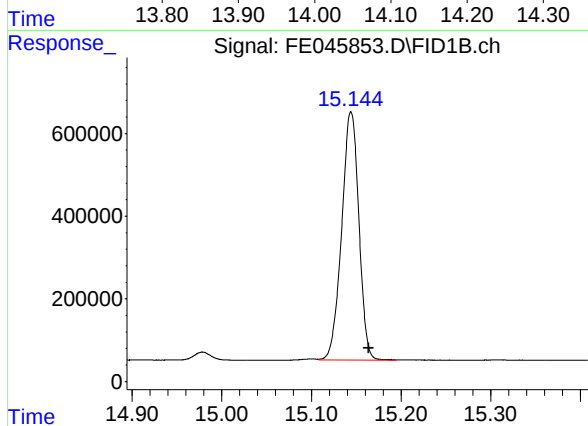
#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: -0.018 min
Response: 7397030
Conc: 47.01 ug/ml



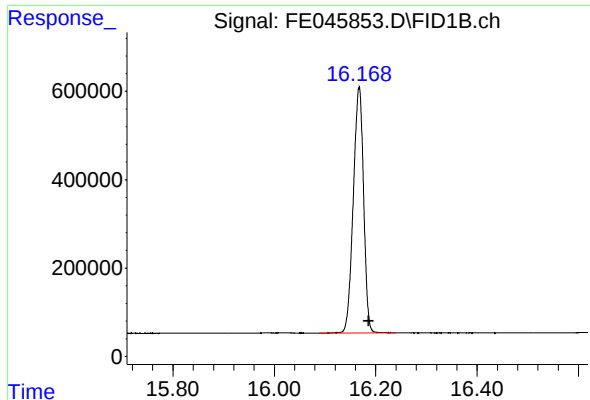
#13 n-Docosane (C22)

R.T.: 14.041 min
Delta R.T.: -0.017 min
Response: 8223746
Conc: 47.70 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.020 min
Response: 7999169
Conc: 45.82 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.019 min
Response: 7877954
Conc: 45.24 ug/ml

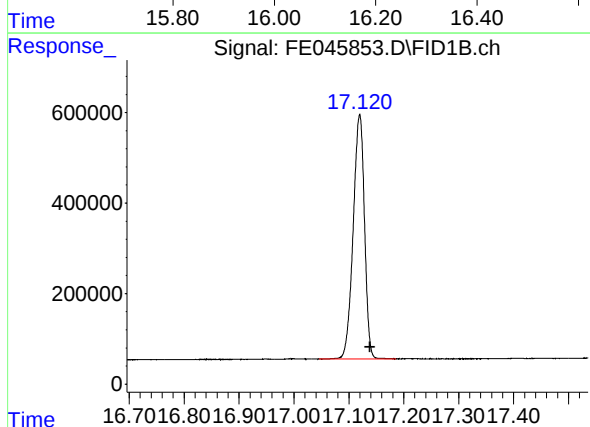
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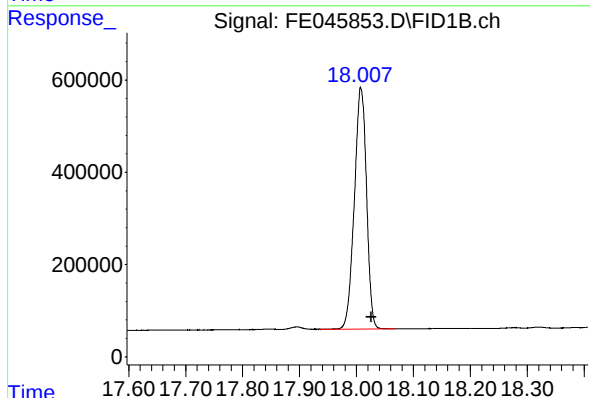
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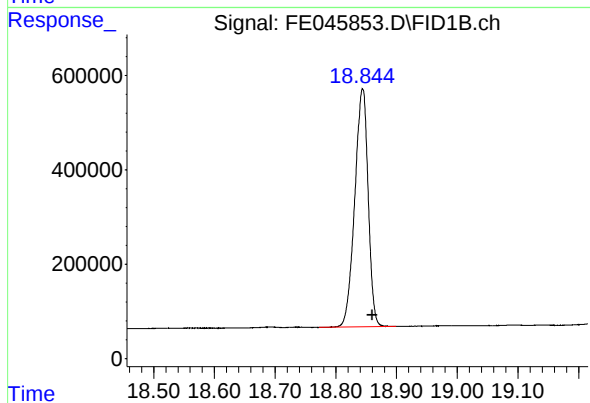
#16 n-Octacosane (C28)

R.T.: 17.120 min
Delta R.T.: -0.018 min
Response: 7744322
Conc: 44.81 ug/ml



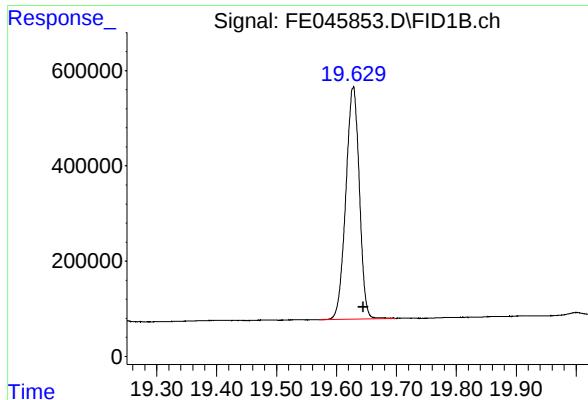
#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.018 min
Response: 7791624
Conc: 44.54 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.844 min
Delta R.T.: -0.016 min
Response: 7735978
Conc: 42.40 ug/ml



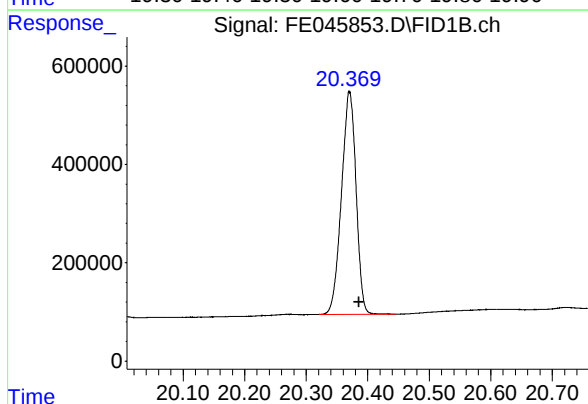
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.017 min
Response: 7649849
Conc: 46.10 ug/ml

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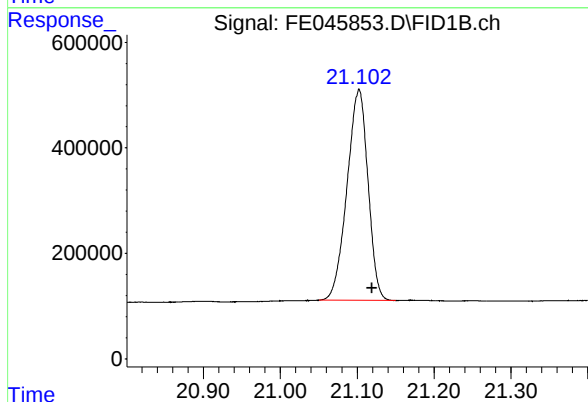
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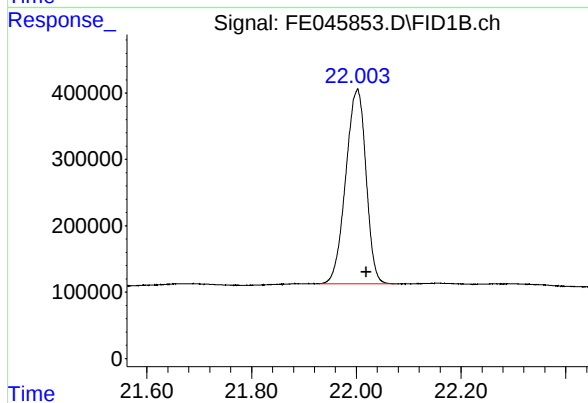
#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: -0.016 min
Response: 7468438
Conc: 47.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.017 min
Response: 7572050
Conc: 48.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.003 min
Delta R.T.: -0.017 min
Response: 7879377
Conc: 55.44 ug/ml m