

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041541.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 08:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 27 02:01:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.981	3242599	17.284 ug/ml
Spiked Amount 50.000		Recovery =	34.57%
12) S 1-chlorooctadecane (S...	13.418	2534690	17.942 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
Target Compounds			
1) T n-Nonane (C9)	3.357	2741037	18.647 ug/ml
2) T n-Decane (C10)	4.611	2808644	18.727 ug/ml
3) T A~Naphthalene (C11.7)	6.317	3253258	19.658 ug/ml
4) T n-Dodecane (C12)	6.780	2870273	18.878 ug/ml
5) T A~2-methylnaphthalene...	7.414	3106933	19.268 ug/ml
6) T n-Tetradecane (C14)	8.609	2906925	19.137 ug/ml
7) T n-Hexadecane (C16)	10.218	3000666	18.803 ug/ml
8) T n-Octadecane (C18)	11.662	3041753	18.557 ug/ml
10) T n-Eicosane (C20)	12.972	2962176	18.416 ug/ml
11) T n-Heneicosane (C21)	13.585	2938686	18.439 ug/ml
13) T n-Docosane (C22)	14.172	2953050	18.534 ug/ml
14) T n-Tetracosane (C24)	15.276	2997821	18.595 ug/ml
15) T n-Hexacosane (C26)	16.298	2971168	18.793 ug/ml
16) T n-Octacosane (C28)	17.247	3027160	19.673 ug/ml
17) T n-Tricontane (C30)	18.135	3187165	20.926 ug/ml
18) T n-Dotriacontane (C32)	18.969	3243878	21.774 ug/ml
19) T n-Tetratriacontane (C34)	19.753	3017812	21.422 ug/ml
20) T n-Hexatriacontane (C36)	20.493	2785832	20.832 ug/ml
21) T n-Octatriacontane (C38)	21.247	2767745	20.946 ug/ml
22) T n-Tetracontane (C40)	22.191	2758816	21.790 ug/ml

(f)=RT Delta > 1/2 Window

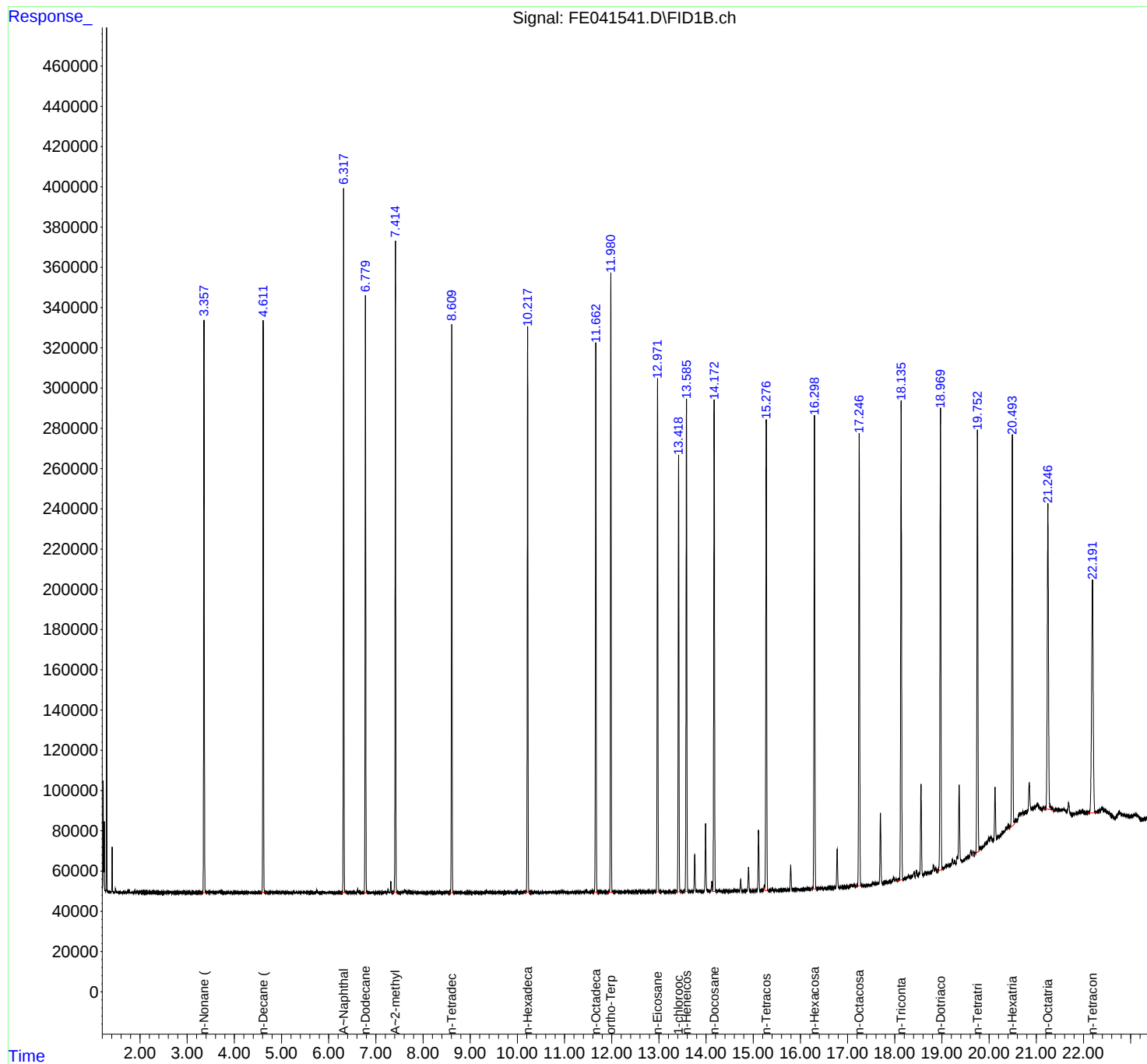
(m)=manual int.

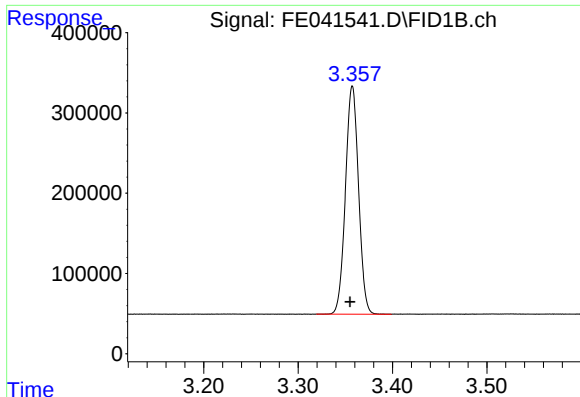
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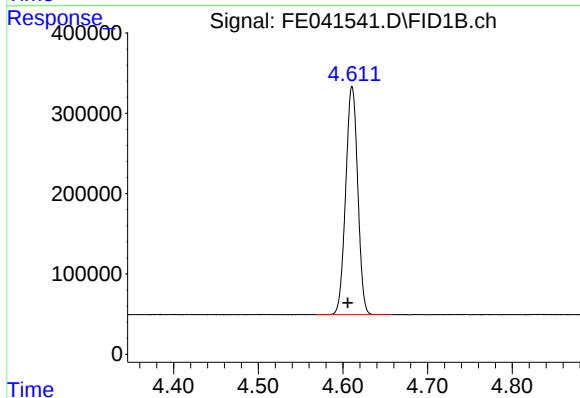




#1 n-Nonane (C9)

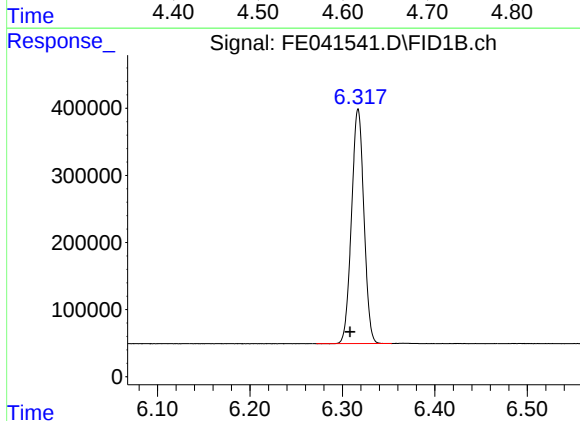
R.T.: 3.357 min
Delta R.T.: 0.002 min
Response: 2741037
Conc: 18.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



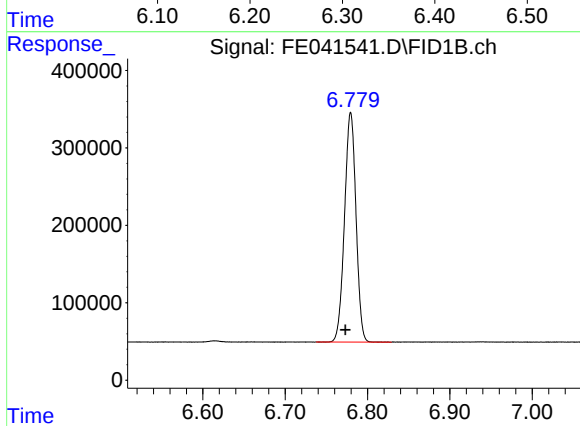
#2 n-Decane (C10)

R.T.: 4.611 min
Delta R.T.: 0.005 min
Response: 2808644
Conc: 18.73 ug/ml



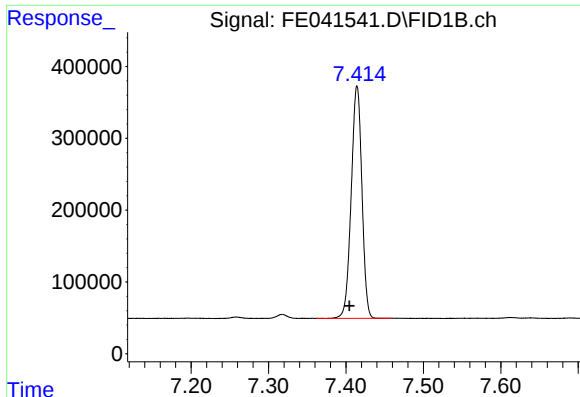
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 3253258
Conc: 19.66 ug/ml



#4 n-Dodecane (C12)

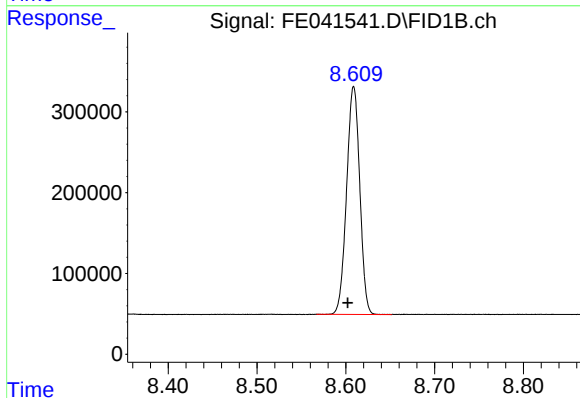
R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 2870273
Conc: 18.88 ug/ml



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

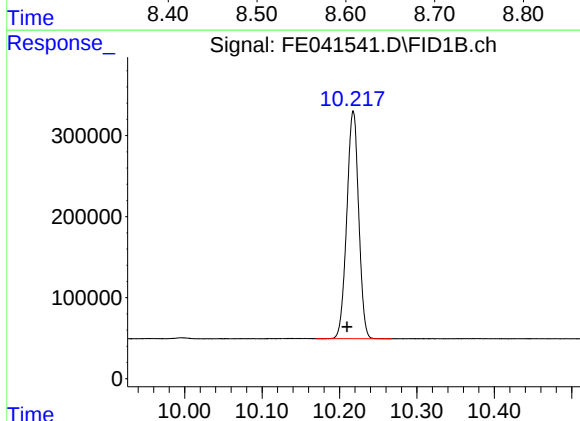
R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 3106933
Conc: 19.27 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



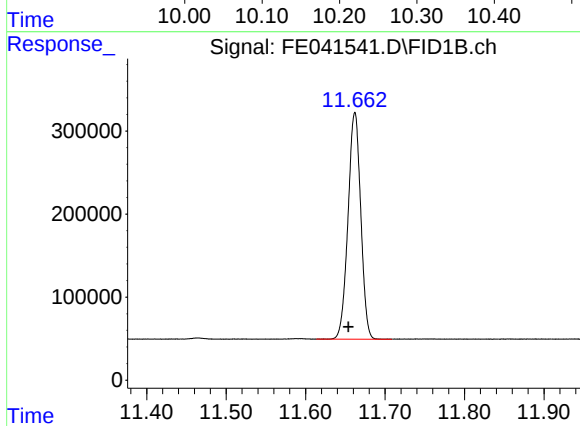
#6 n-Tetradecane (C14)

R.T.: 8.609 min
Delta R.T.: 0.007 min
Response: 2906925
Conc: 19.14 ug/ml



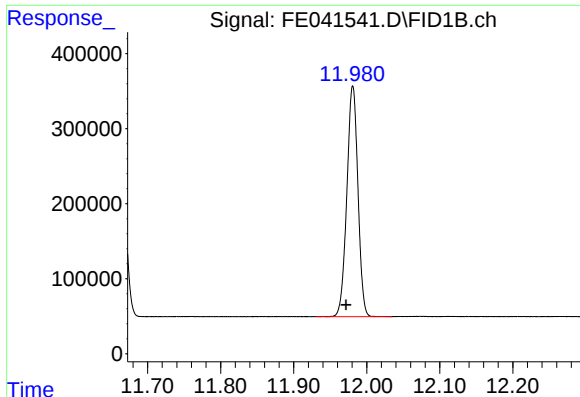
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.008 min
Response: 3000666
Conc: 18.80 ug/ml



#8 n-Octadecane (C18)

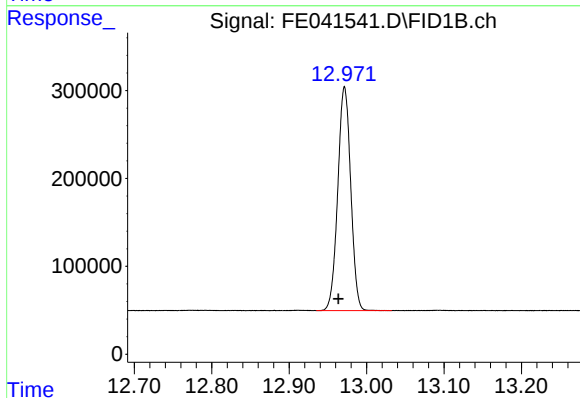
R.T.: 11.662 min
Delta R.T.: 0.008 min
Response: 3041753
Conc: 18.56 ug/ml



#9 ortho-Terphenyl (SURR)

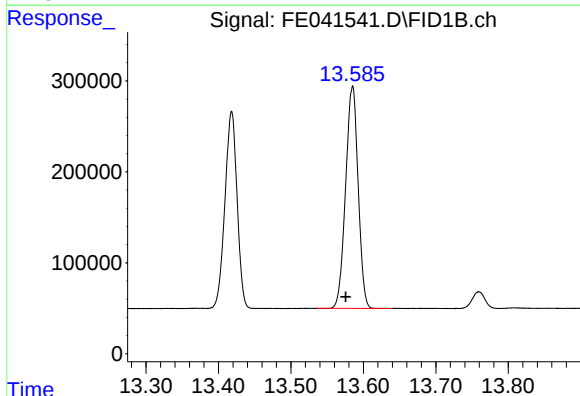
R.T.: 11.981 min
Delta R.T.: 0.009 min
Response: 3242599
Conc: 17.28 ug/ml

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20 PPM ALIPHATIC HC STD



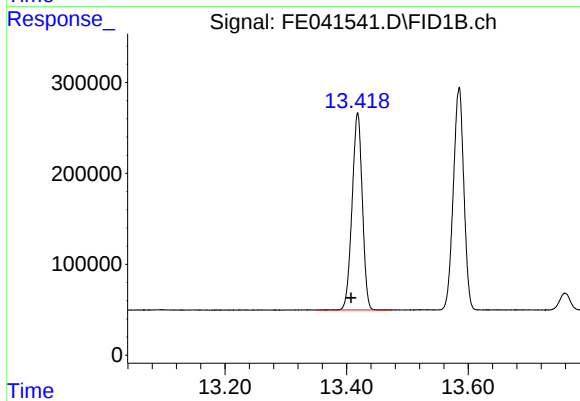
#10 n-Eicosane (C20)

R.T.: 12.972 min
Delta R.T.: 0.008 min
Response: 2962176
Conc: 18.42 ug/ml



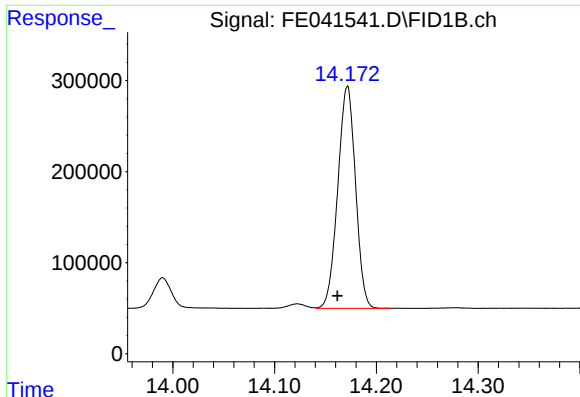
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.009 min
Response: 2938686
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

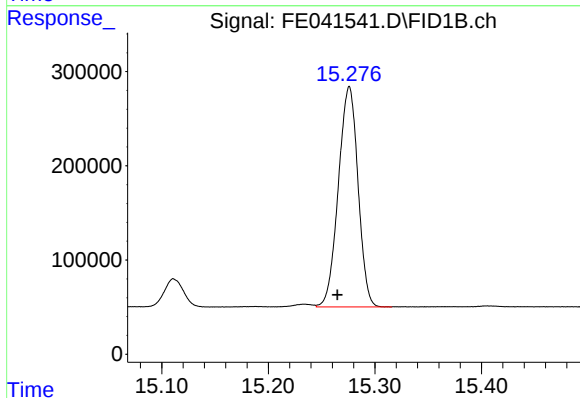
R.T.: 13.418 min
Delta R.T.: 0.011 min
Response: 2534690
Conc: 17.94 ug/ml



#13 n-Docosane (C22)

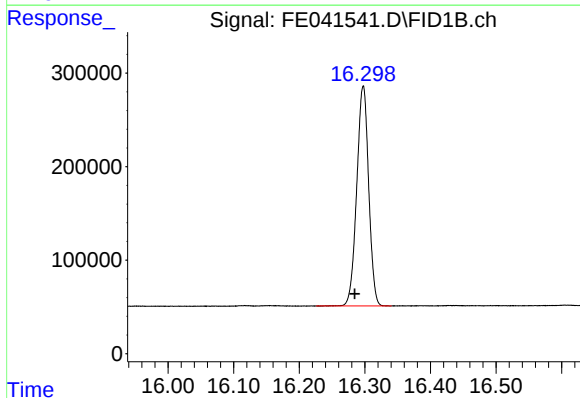
R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 2953050
Conc: 18.53 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



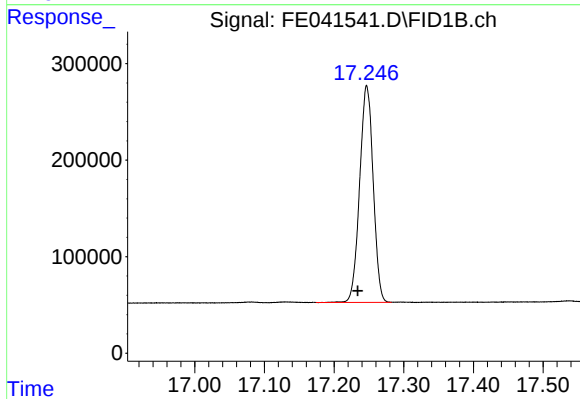
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.011 min
Response: 2997821
Conc: 18.59 ug/ml



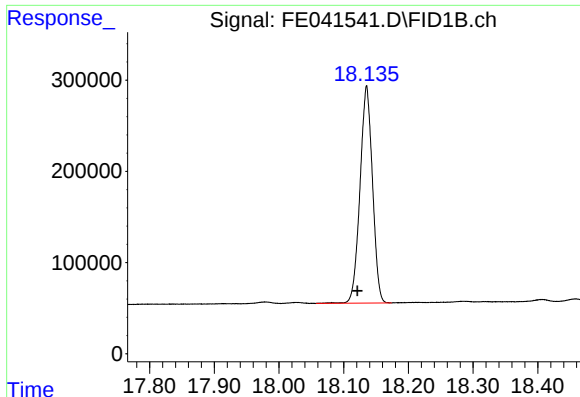
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 2971168
Conc: 18.79 ug/ml



#16 n-Octacosane (C28)

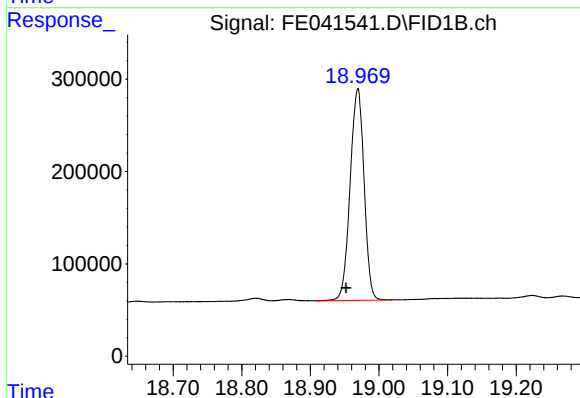
R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 3027160
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

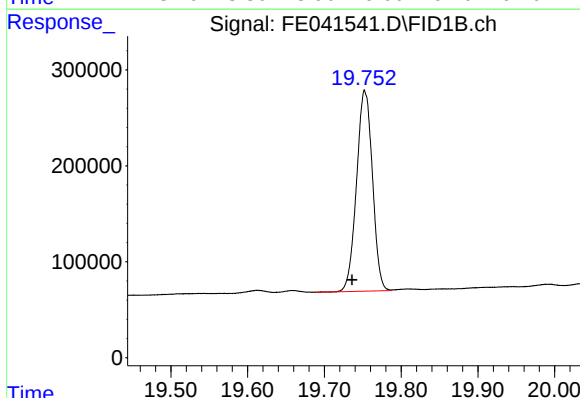
R.T.: 18.135 min
Delta R.T.: 0.014 min
Response: 3187165
Conc: 20.93 ug/ml

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20 PPM ALIPHATIC HC STD



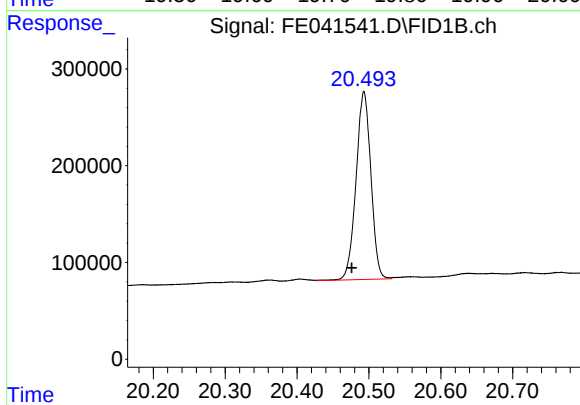
#18 n-Dotriacontane (C32)

R.T.: 18.969 min
Delta R.T.: 0.017 min
Response: 3243878
Conc: 21.77 ug/ml



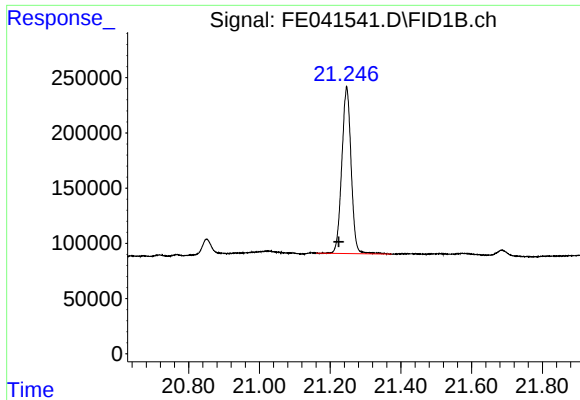
#19 n-Tetratriacontane (C34)

R.T.: 19.753 min
Delta R.T.: 0.017 min
Response: 3017812
Conc: 21.42 ug/ml



#20 n-Hexatriacontane (C36)

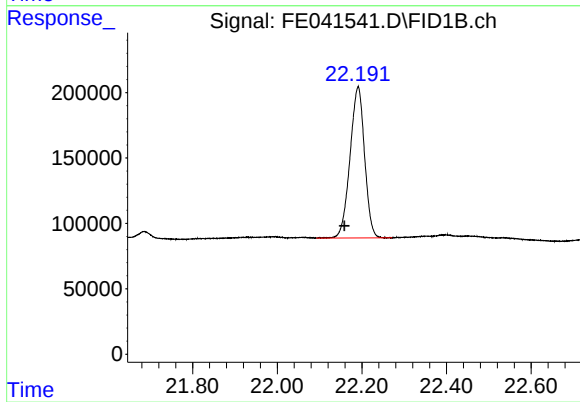
R.T.: 20.493 min
Delta R.T.: 0.017 min
Response: 2785832
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.247 min
Delta R.T.: 0.022 min
Response: 2767745
Conc: 20.95 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.191 min
Delta R.T.: 0.033 min
Response: 2758816
Conc: 21.79 ug/ml