

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051723AL\
 Data File : FE041969.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2023 23:47
 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: May 18 01:22:38 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)	11.971	3608808	19.236 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	13.407	2706642	19.159 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T n-Nonane (C9)	3.348	2740348	18.642 ug/ml
2) T n-Decane (C10)	4.601	2965680	19.774 ug/ml
3) T A~Naphthalene (C11.7)	6.309	3294551	19.908 ug/ml
4) T n-Dodecane (C12)	6.770	2978746	19.591 ug/ml
5) T A~2-methylnaphthalene...	7.406	3192628	19.800 ug/ml
6) T n-Tetradecane (C14)	8.599	2993537	19.707 ug/ml
7) T n-Hexadecane (C16)	10.208	3155088	19.771 ug/ml
8) T n-Octadecane (C18)	11.651	3231176	19.713 ug/ml
10) T n-Eicosane (C20)	12.962	3113873	19.359 ug/ml
11) T n-Heneicosane (C21)	13.574	3042712	19.092 ug/ml
13) T n-Docosane (C22)	14.161	3030150	19.018 ug/ml
14) T n-Tetracosane (C24)	15.264	3029770	18.793 ug/ml
15) T n-Hexacosane (C26)	16.285	2934094	18.559 ug/ml
16) T n-Octacosane (C28)	17.236	3004286	19.525 ug/ml
17) T n-Tricontane (C30)	18.124	3327221	21.846 ug/ml
18) T n-Dotriacontane (C32)	18.956	3414831	22.922 ug/ml
19) T n-Tetratriacontane (C34)	19.740	3184397	22.604 ug/ml
20) T n-Hexatriacontane (C36)	20.480	3024868	22.619 ug/ml
21) T n-Octatriacontane (C38)	21.232	2966970	22.454 ug/ml
22) T n-Tetracontane (C40)	22.171	2895836	22.872 ug/ml

(f)=RT Delta > 1/2 Window

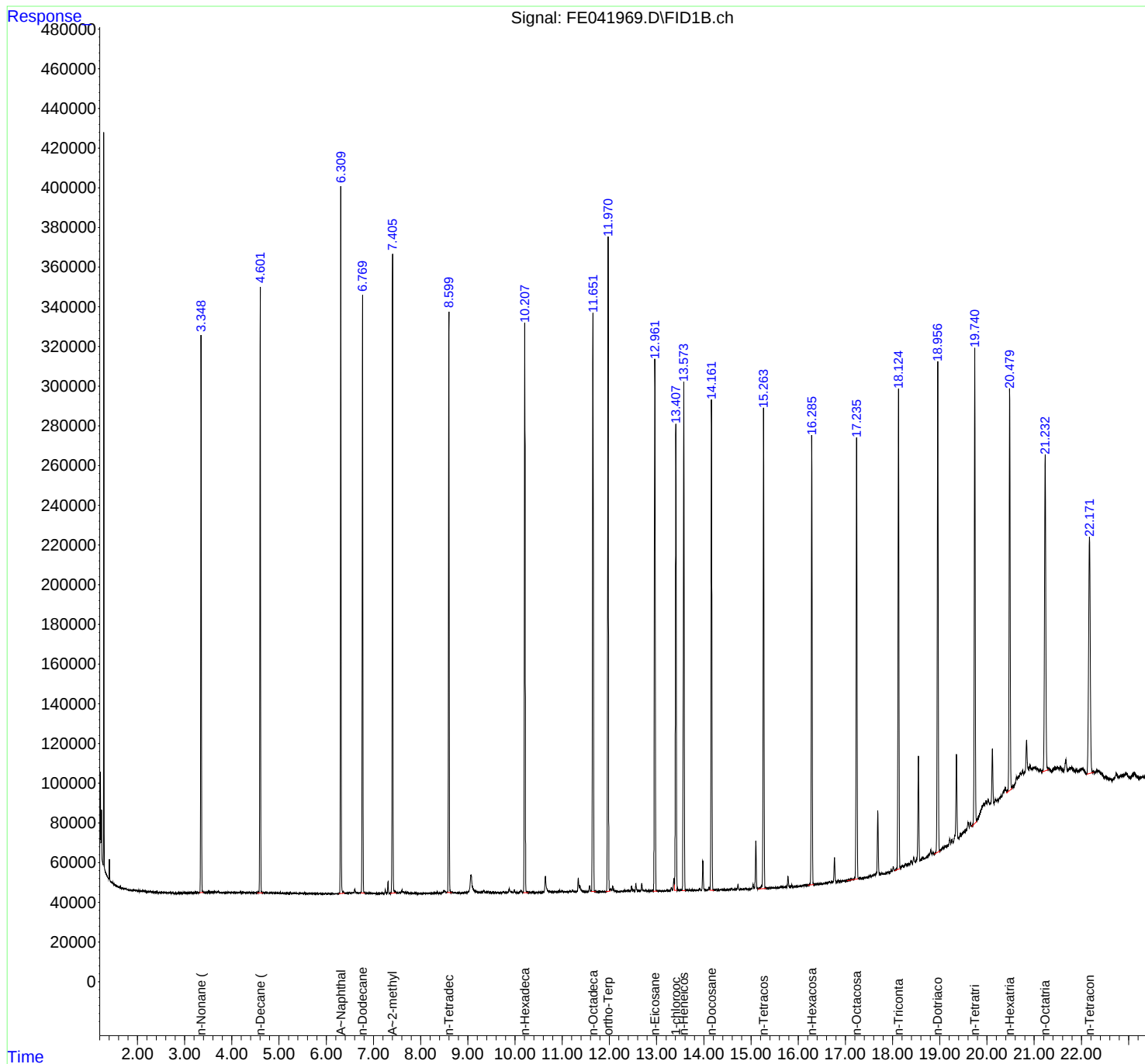
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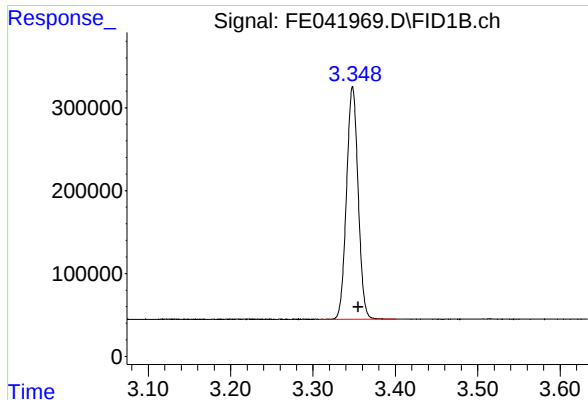
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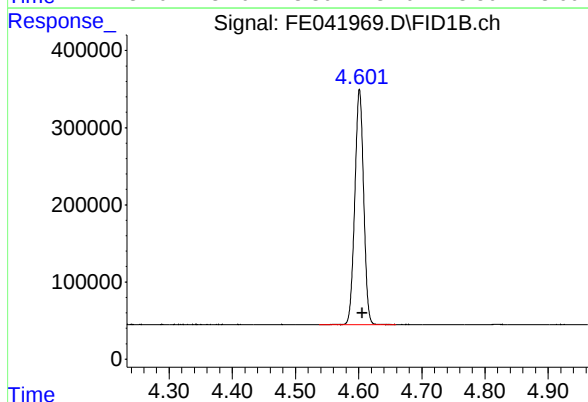




#1 n-Nonane (C9)

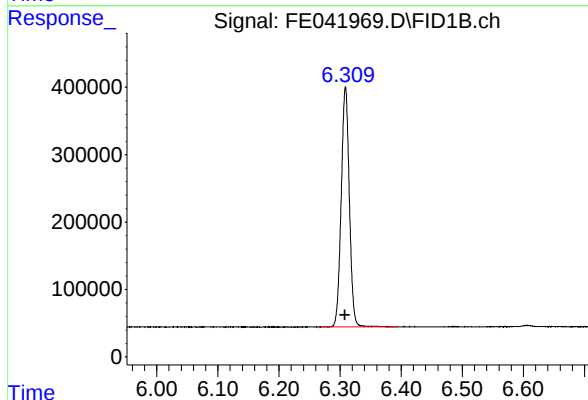
R.T.: 3.348 min
Delta R.T.: -0.007 min
Response: 2740348
Conc: 18.64 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



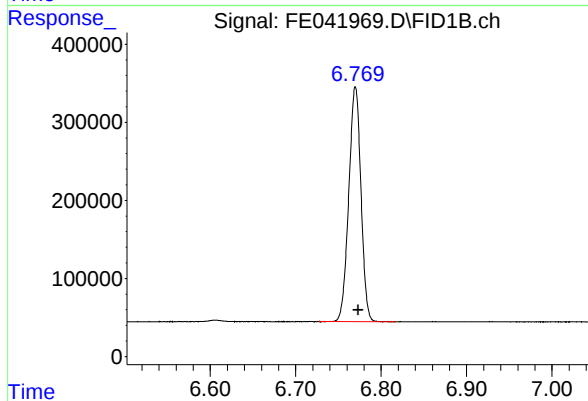
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 2965680
Conc: 19.77 ug/ml



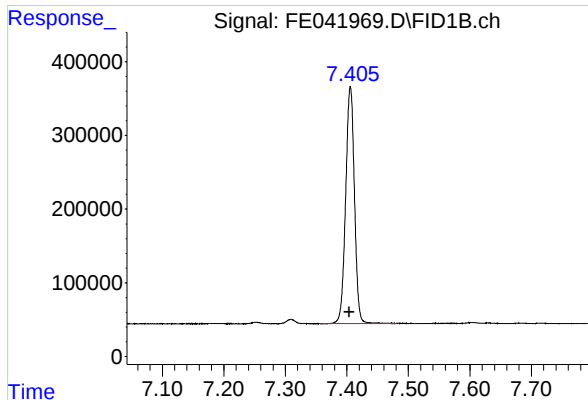
#3 A~Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 3294551
Conc: 19.91 ug/ml



#4 n-Dodecane (C12)

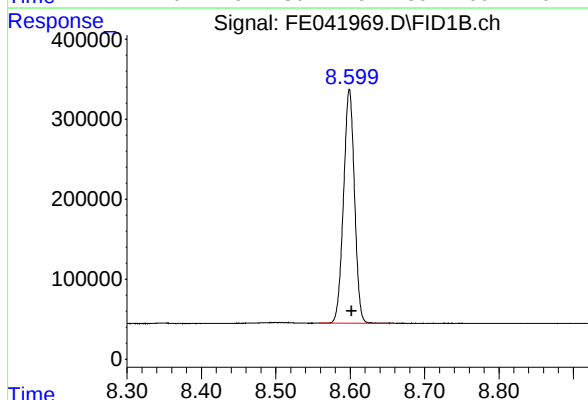
R.T.: 6.770 min
Delta R.T.: -0.003 min
Response: 2978746
Conc: 19.59 ug/ml



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

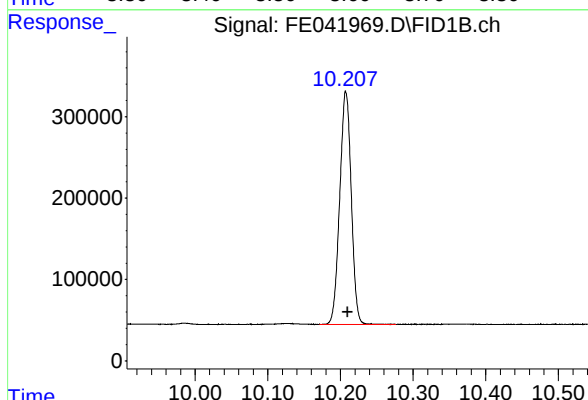
R.T.: 7.406 min
Delta R.T.: 0.001 min
Response: 3192628
Conc: 19.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



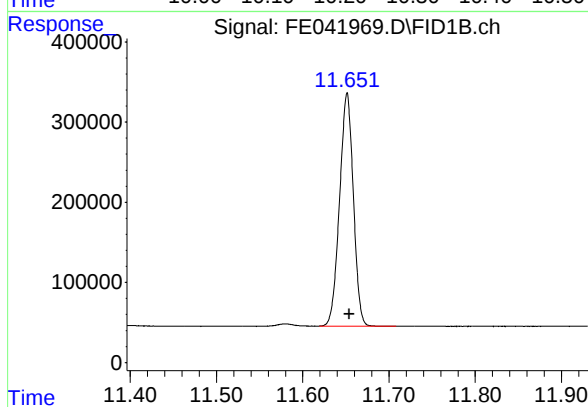
#6 n-Tetradecane (C14)

R.T.: 8.599 min
Delta R.T.: -0.003 min
Response: 2993537
Conc: 19.71 ug/ml



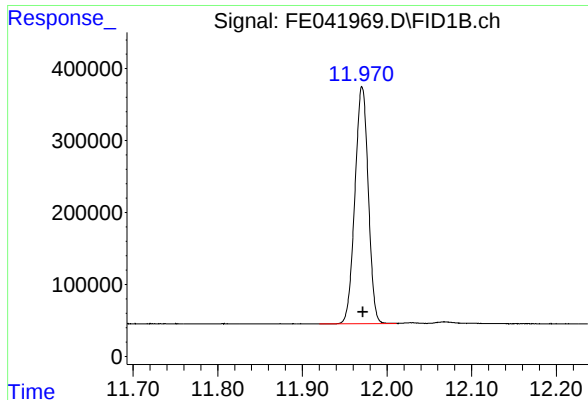
#7 n-Hexadecane (C16)

R.T.: 10.208 min
Delta R.T.: -0.002 min
Response: 3155088
Conc: 19.77 ug/ml



#8 n-Octadecane (C18)

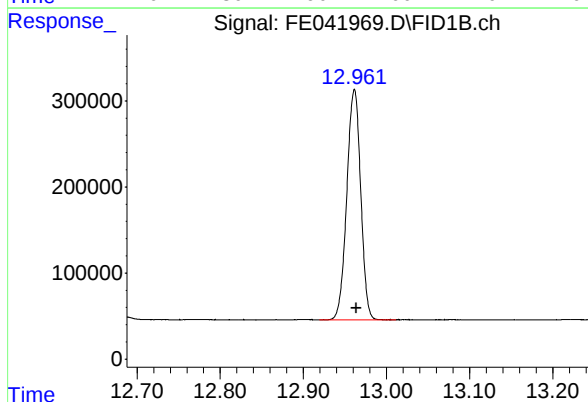
R.T.: 11.651 min
Delta R.T.: -0.002 min
Response: 3231176
Conc: 19.71 ug/ml



#9 ortho-Terphenyl (SURR)

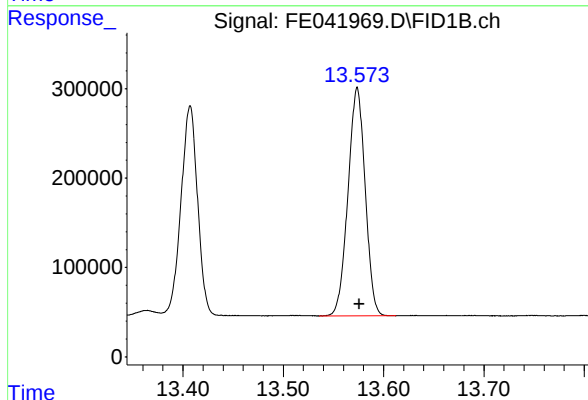
R.T.: 11.971 min
Delta R.T.: 0.000 min
Response: 3608808
Conc: 19.24 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



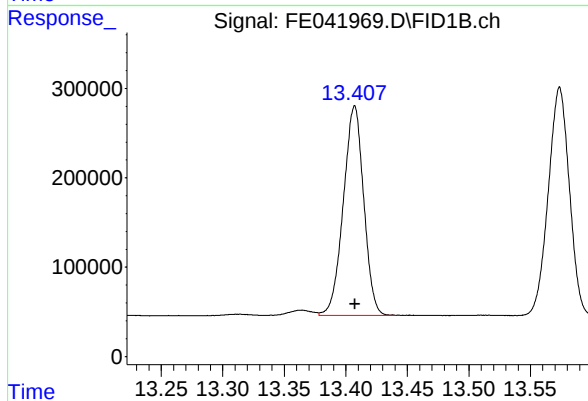
#10 n-Eicosane (C20)

R.T.: 12.962 min
Delta R.T.: -0.002 min
Response: 3113873
Conc: 19.36 ug/ml



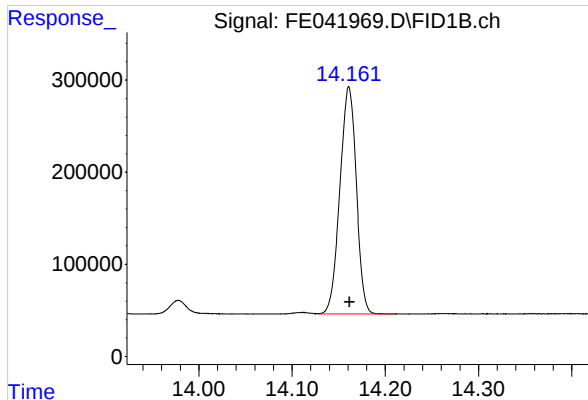
#11 n-Heneicosane (C21)

R.T.: 13.574 min
Delta R.T.: -0.002 min
Response: 3042712
Conc: 19.09 ug/ml



#12 1-chlorooctadecane (SURR)

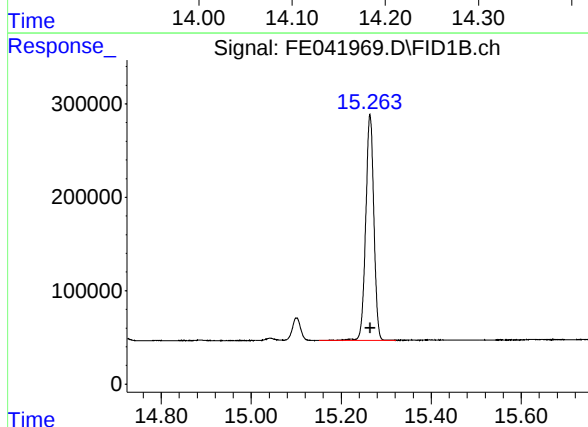
R.T.: 13.407 min
Delta R.T.: 0.000 min
Response: 2706642
Conc: 19.16 ug/ml



#13 n-Docosane (C22)

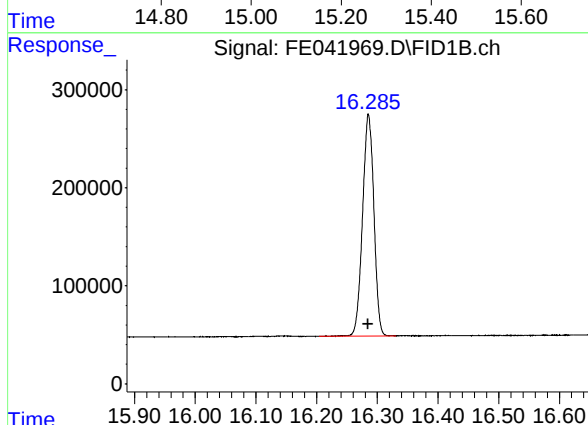
R.T.: 14.161 min
Delta R.T.: 0.000 min
Response: 3030150
Conc: 19.02 ug/ml

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20 PPM ALIPHATIC HC STD



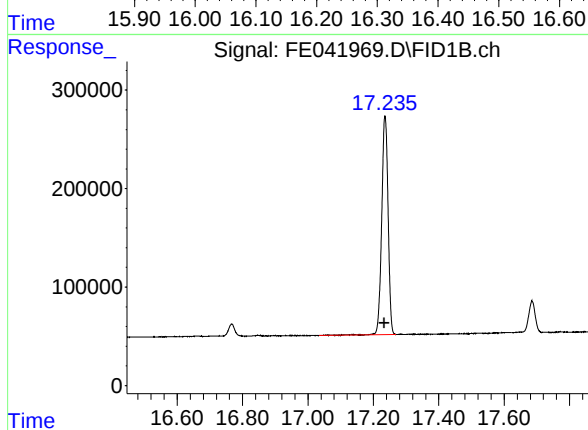
#14 n-Tetracosane (C24)

R.T.: 15.264 min
Delta R.T.: 0.000 min
Response: 3029770
Conc: 18.79 ug/ml



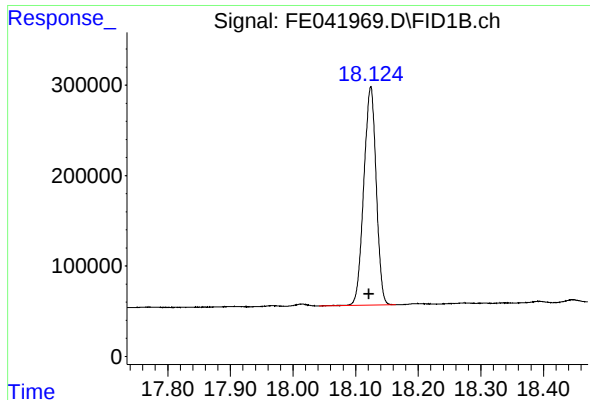
#15 n-Hexacosane (C26)

R.T.: 16.285 min
Delta R.T.: 0.000 min
Response: 2934094
Conc: 18.56 ug/ml



#16 n-Octacosane (C28)

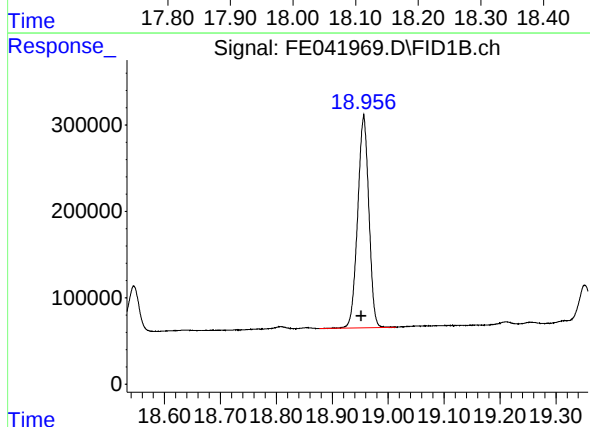
R.T.: 17.236 min
Delta R.T.: 0.002 min
Response: 3004286
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

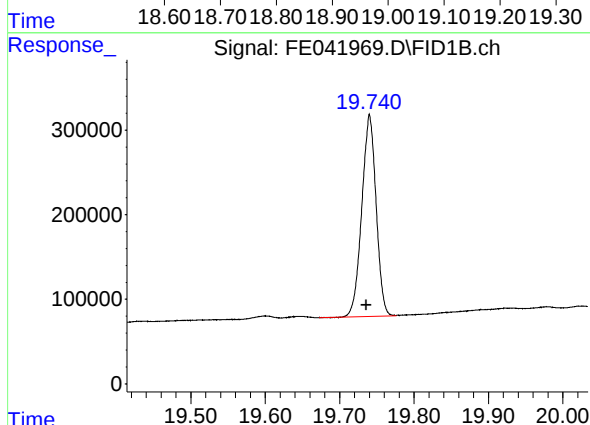
R.T.: 18.124 min
Delta R.T.: 0.003 min
Response: 3327221
Conc: 21.85 ug/ml

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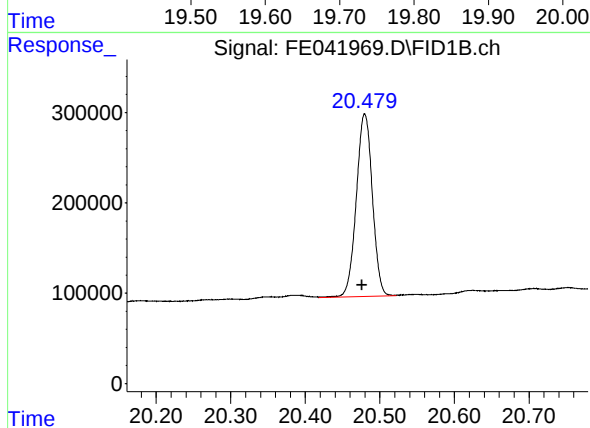
#18 n-Dotriacontane (C32)

R.T.: 18.956 min
Delta R.T.: 0.004 min
Response: 3414831
Conc: 22.92 ug/ml



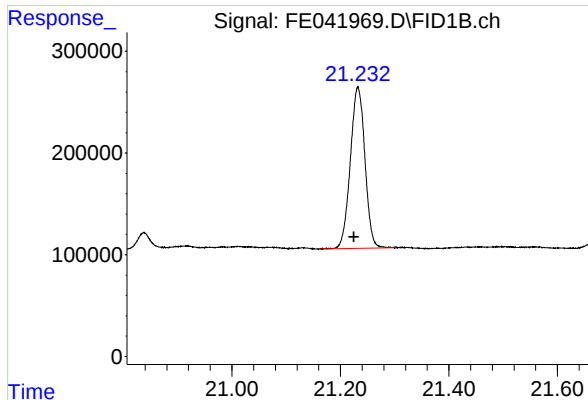
#19 n-Tetatriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.004 min
Response: 3184397
Conc: 22.60 ug/ml



#20 n-Hexatriacontane (C36)

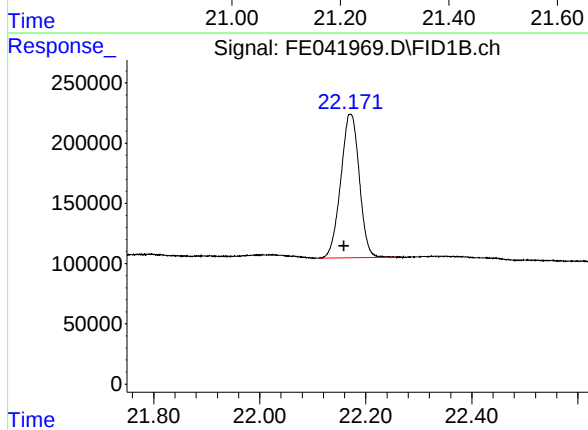
R.T.: 20.480 min
Delta R.T.: 0.004 min
Response: 3024868
Conc: 22.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.008 min
Response: 2966970
Conc: 22.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.171 min
Delta R.T.: 0.012 min
Response: 2895836
Conc: 22.87 ug/ml