

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE044005.D
 Signal(s) : FID1B.ch
 Acq On : 16 Aug 2023 23:58
 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: Aug 17 04:56:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.948	3949426	19.165 ug/ml
Spiked Amount 50.000		Recovery =	38.33%
12) S 1-chlorooctadecane (S...	13.385	2962988	18.988 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T n-Nonane (C9)	3.340	3360296	20.809 ug/ml
2) T n-Decane (C10)	4.590	3452801	20.950 ug/ml
3) T A~Naphthalene (C11.7)	6.290	3786082	20.795 ug/ml
4) T n-Dodecane (C12)	6.752	3504391	20.939 ug/ml
5) T A~2-methylnaphthalene...	7.385	3655999	20.536 ug/ml
6) T n-Tetradecane (C14)	8.578	3488269	20.704 ug/ml
7) T n-Hexadecane (C16)	10.186	3583788	20.316 ug/ml
8) T n-Octadecane (C18)	11.630	3597089	19.857 ug/ml
10) T n-Eicosane (C20)	12.940	3435341	19.412 ug/ml
11) T n-Heneicosane (C21)	13.552	3356401	18.956 ug/ml
13) T n-Docosane (C22)	14.139	3305792	18.847 ug/ml
14) T n-Tetracosane (C24)	15.242	3240571	18.444 ug/ml
15) T n-Hexacosane (C26)	16.263	3128378	18.100 ug/ml
16) T n-Octacosane (C28)	17.214	2984167	17.835 ug/ml
17) T n-Tricontane (C30)	18.104	2989861	18.052 ug/ml
18) T n-Dotriacontane (C32)	18.937	2917453	18.477 ug/ml
19) T n-Tetratriacontane (C34)	19.722	2830137	19.046 ug/ml
20) T n-Hexatriacontane (C36)	20.464	2793142	19.983 ug/ml
21) T n-Octatriacontane (C38)	21.207	2834537	21.248 ug/ml
22) T n-Tetracontane (C40)	22.135	2956752	22.916 ug/ml

(f)=RT Delta > 1/2 Window

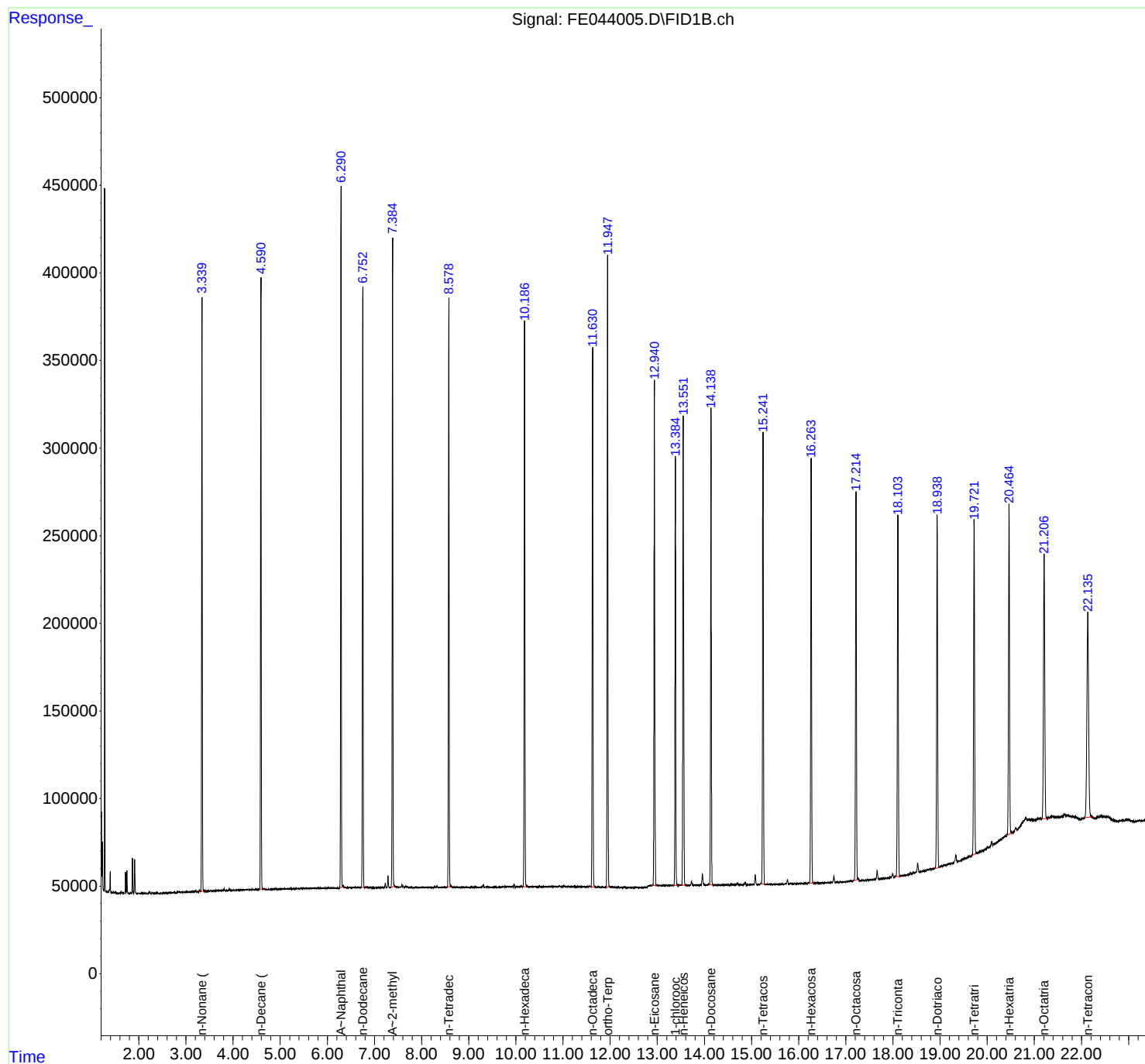
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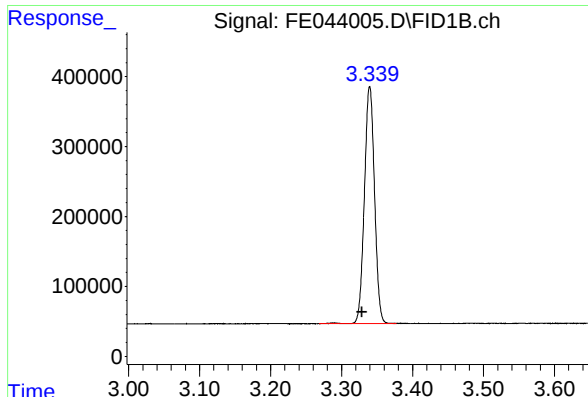
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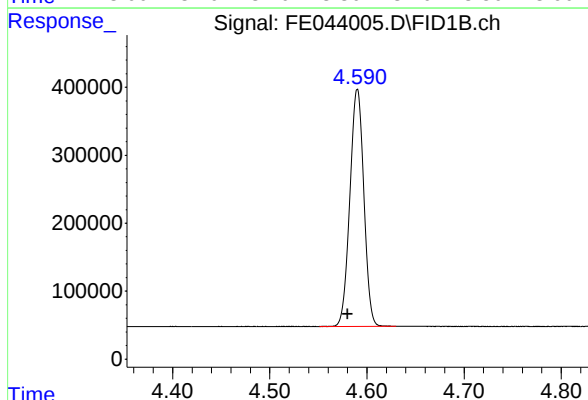




#1 n-Nonane (C9)

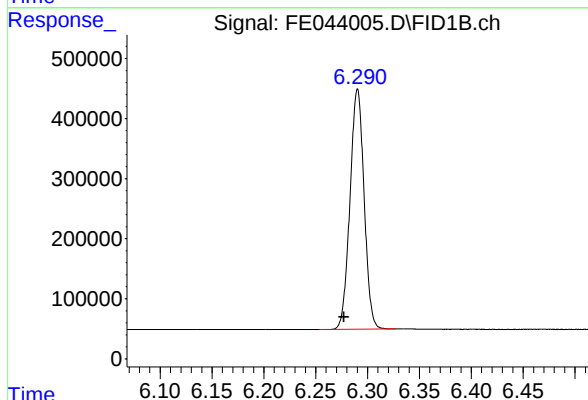
R.T.: 3.340 min
Delta R.T.: 0.011 min
Response: 3360296
Conc: 20.81 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



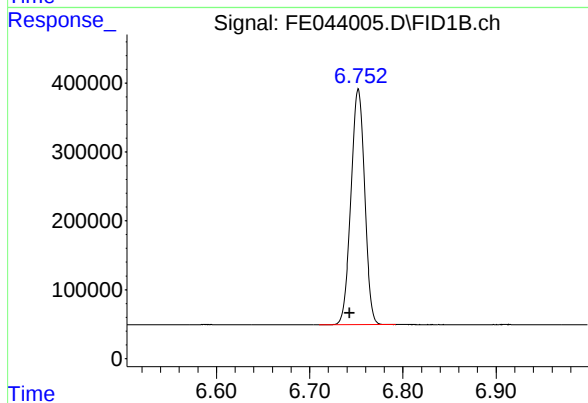
#2 n-Decane (C10)

R.T.: 4.590 min
Delta R.T.: 0.010 min
Response: 3452801
Conc: 20.95 ug/ml



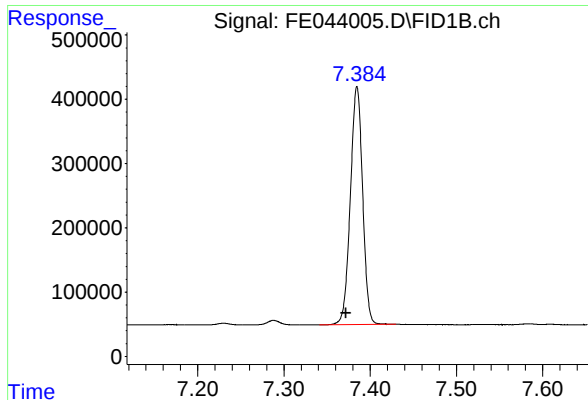
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 3786082
Conc: 20.79 ug/ml



#4 n-Dodecane (C12)

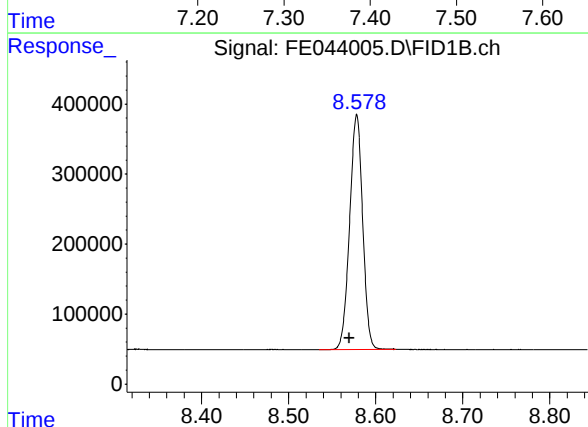
R.T.: 6.752 min
Delta R.T.: 0.009 min
Response: 3504391
Conc: 20.94 ug/ml



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

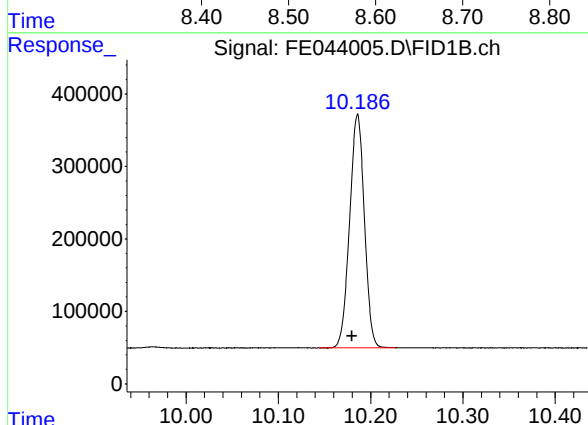
R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 3655999
Conc: 20.54 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



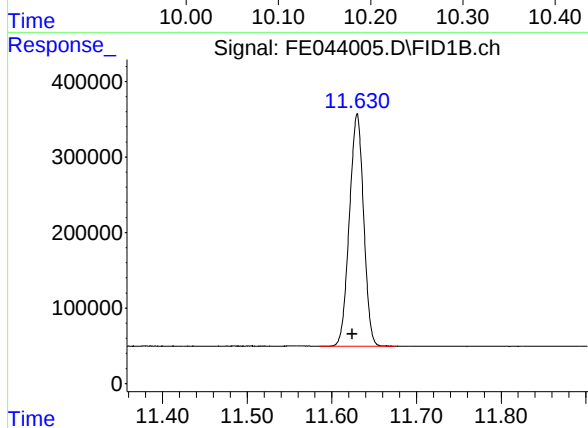
#6 n-Tetradecane (C14)

R.T.: 8.578 min
Delta R.T.: 0.009 min
Response: 3488269
Conc: 20.70 ug/ml



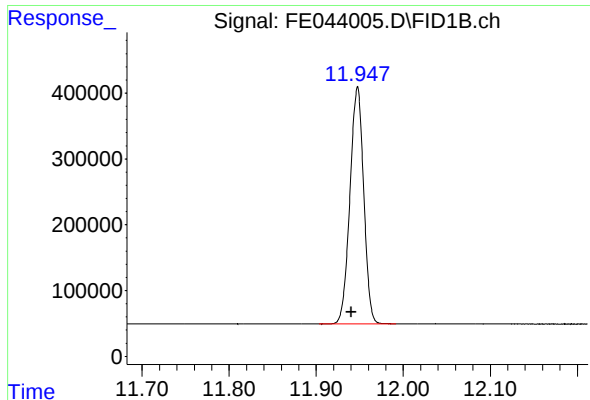
#7 n-Hexadecane (C16)

R.T.: 10.186 min
Delta R.T.: 0.006 min
Response: 3583788
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

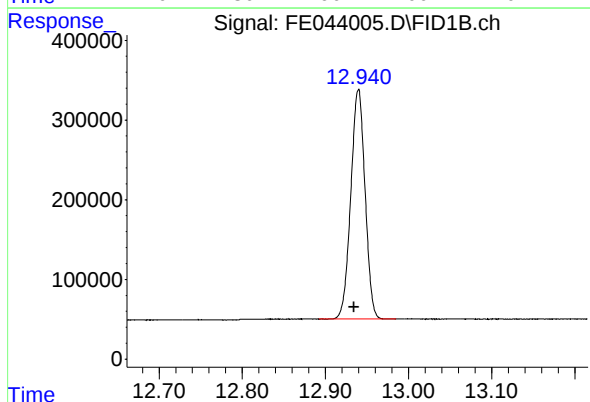
R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 3597089
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

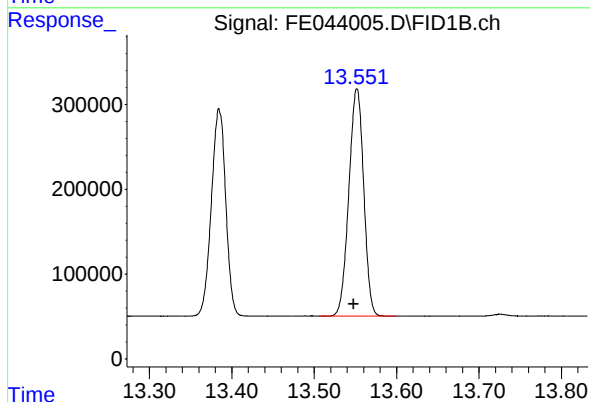
R.T.: 11.948 min
Delta R.T.: 0.007 min
Response: 3949426
Conc: 19.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



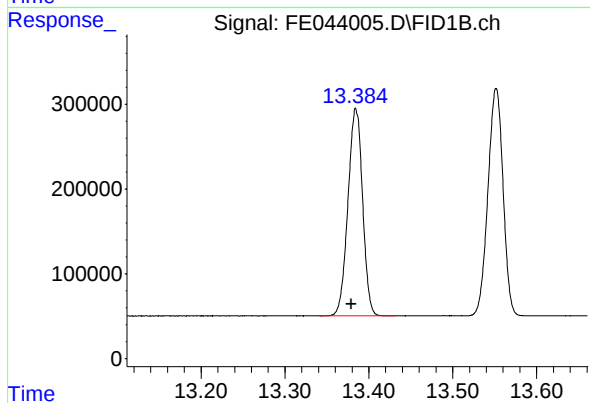
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.006 min
Response: 3435341
Conc: 19.41 ug/ml



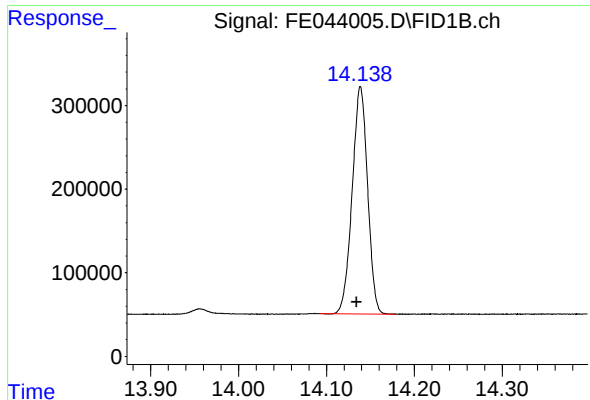
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.004 min
Response: 3356401
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

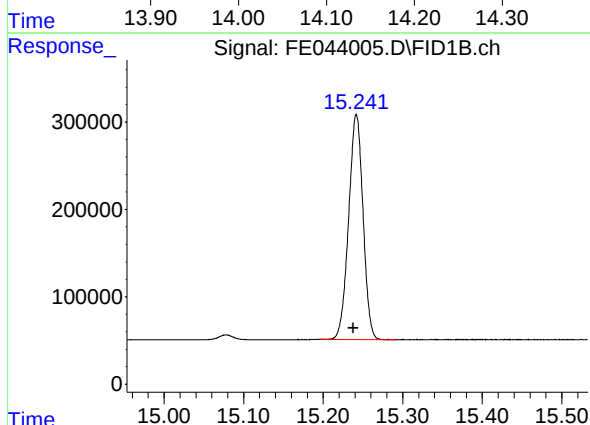
R.T.: 13.385 min
Delta R.T.: 0.005 min
Response: 2962988
Conc: 18.99 ug/ml



#13 n-Docosane (C22)

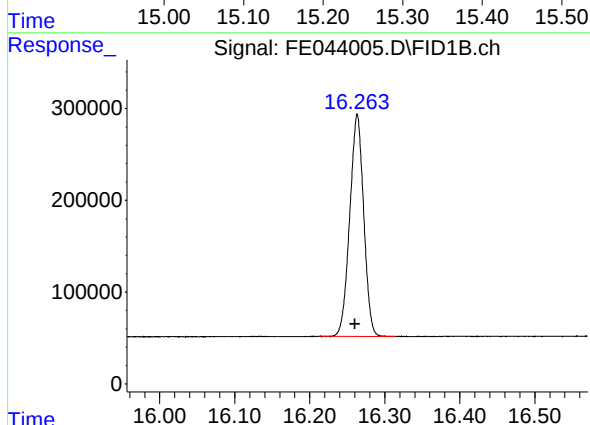
R.T.: 14.139 min
Delta R.T.: 0.005 min
Response: 3305792
Conc: 18.85 ug/ml

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20 PPM ALIPHATIC HC STD



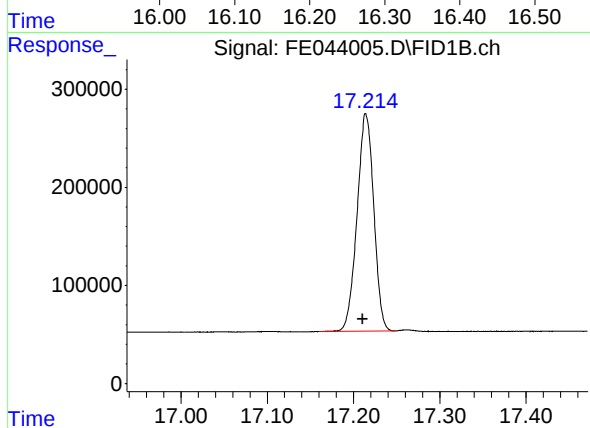
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: 0.004 min
Response: 3240571
Conc: 18.44 ug/ml



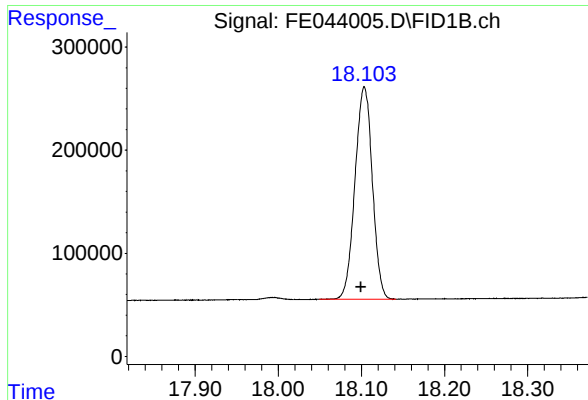
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.003 min
Response: 3128378
Conc: 18.10 ug/ml



#16 n-Octacosane (C28)

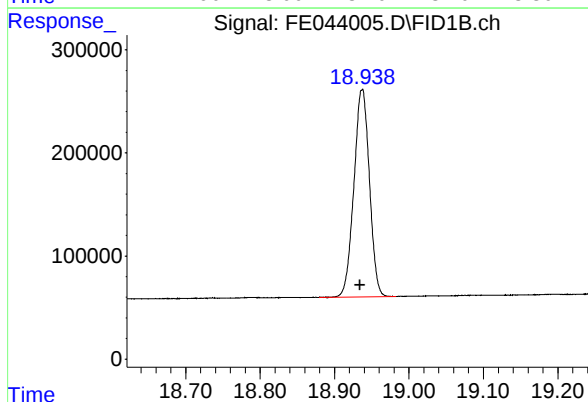
R.T.: 17.214 min
Delta R.T.: 0.004 min
Response: 2984167
Conc: 17.84 ug/ml



#17 n-Tricontane (C30)

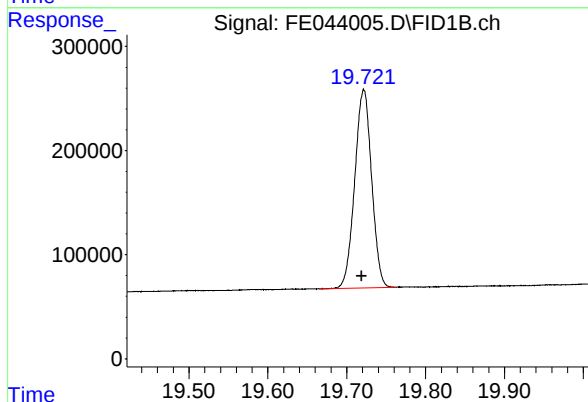
R.T.: 18.104 min
Delta R.T.: 0.004 min
Response: 2989861
Conc: 18.05 ug/ml

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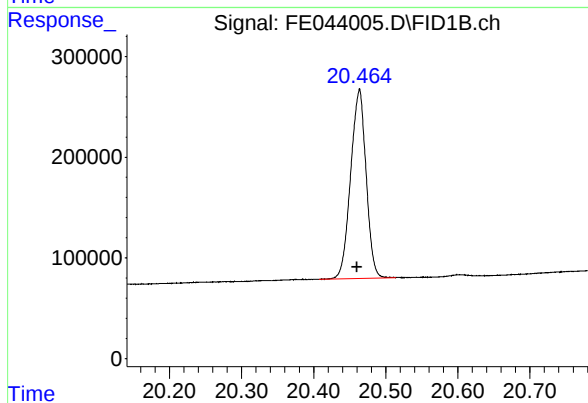
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: 0.003 min
Response: 2917453
Conc: 18.48 ug/ml



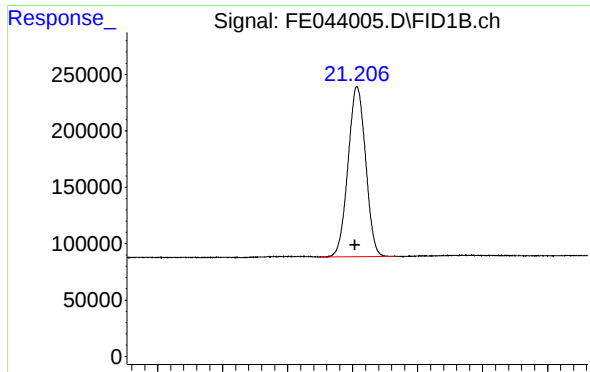
#19 n-Tetatriacontane (C34)

R.T.: 19.722 min
Delta R.T.: 0.003 min
Response: 2830137
Conc: 19.05 ug/ml



#20 n-Hexatriacontane (C36)

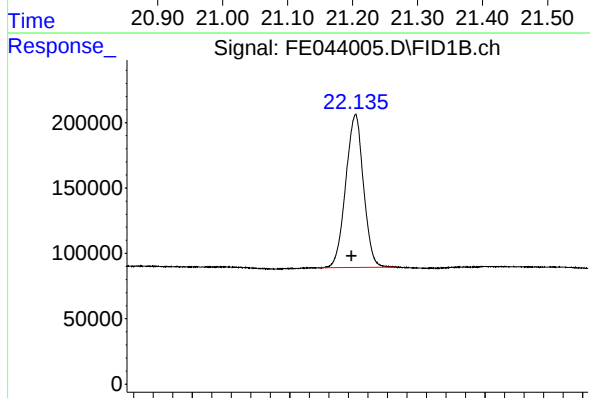
R.T.: 20.464 min
Delta R.T.: 0.004 min
Response: 2793142
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.207 min
Delta R.T.: 0.003 min
Response: 2834537
Conc: 21.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.008 min
Response: 2956752
Conc: 22.92 ug/ml