

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081623AL\
 Data File : FE044014.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2023 04:31
 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 04:57:30 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)	11.947	3976194	19.295 ug/ml
Spiked Amount 50.000		Recovery =	38.59%
12) S 1-chlorooctadecane (S...	13.384	2974967	19.065 ug/ml
Spiked Amount 50.000		Recovery =	38.13%
Target Compounds			
1) T n-Nonane (C9)	3.339	3335226	20.653 ug/ml
2) T n-Decane (C10)	4.589	3428975	20.805 ug/ml
3) T A~Naphthalene (C11.7)	6.289	3780889	20.766 ug/ml
4) T n-Dodecane (C12)	6.751	3488686	20.845 ug/ml
5) T A~2-methylnaphthalene...	7.384	3659844	20.558 ug/ml
6) T n-Tetradecane (C14)	8.577	3482716	20.671 ug/ml
7) T n-Hexadecane (C16)	10.185	3596091	20.386 ug/ml
8) T n-Octadecane (C18)	11.630	3614136	19.951 ug/ml
10) T n-Eicosane (C20)	12.940	3455369	19.525 ug/ml
11) T n-Heneicosane (C21)	13.551	3371199	19.040 ug/ml
13) T n-Docosane (C22)	14.138	3344352	19.067 ug/ml
14) T n-Tetracosane (C24)	15.241	3261074	18.560 ug/ml
15) T n-Hexacosane (C26)	16.263	3157254	18.268 ug/ml
16) T n-Octacosane (C28)	17.213	3011694	18.000 ug/ml
17) T n-Tricontane (C30)	18.102	3021080	18.240 ug/ml
18) T n-Dotriacontane (C32)	18.936	2934920	18.588 ug/ml
19) T n-Tetratriacontane (C34)	19.720	2848573	19.170 ug/ml
20) T n-Hexatriacontane (C36)	20.462	2912035	20.833 ug/ml
21) T n-Octatriacontane (C38)	21.206	2801151	20.997 ug/ml
22) T n-Tetracontane (C40)	22.130	3055365	23.680 ug/mlm

(f)=RT Delta > 1/2 Window

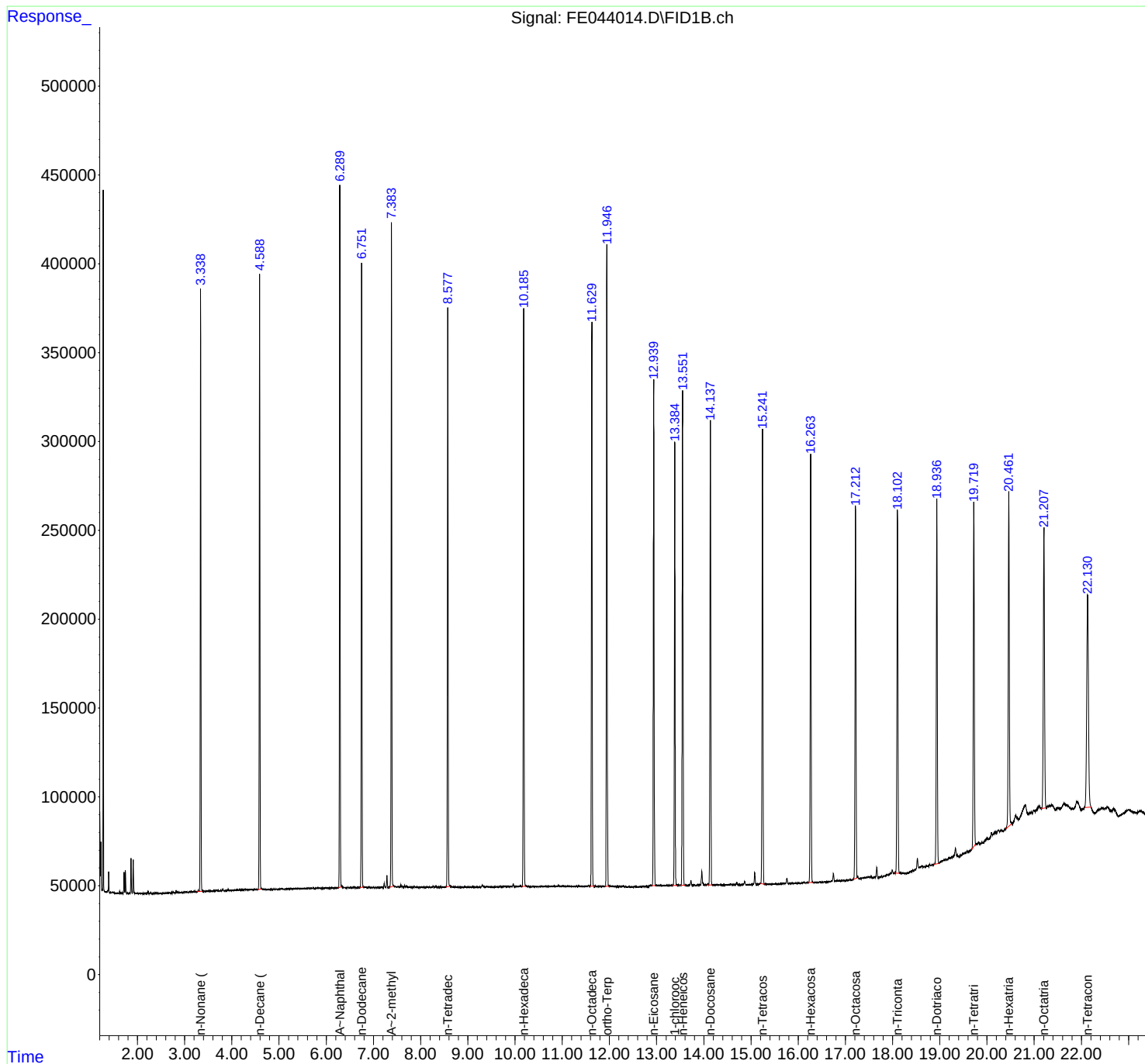
(m)=manual int.

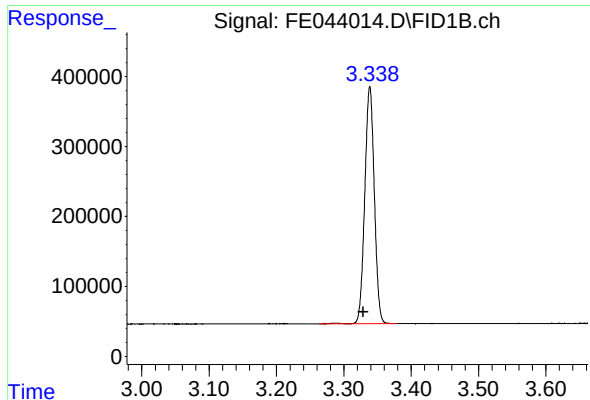
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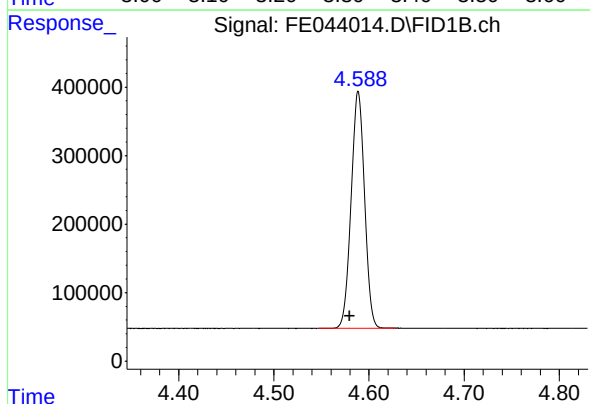




#1 n-Nonane (C9)

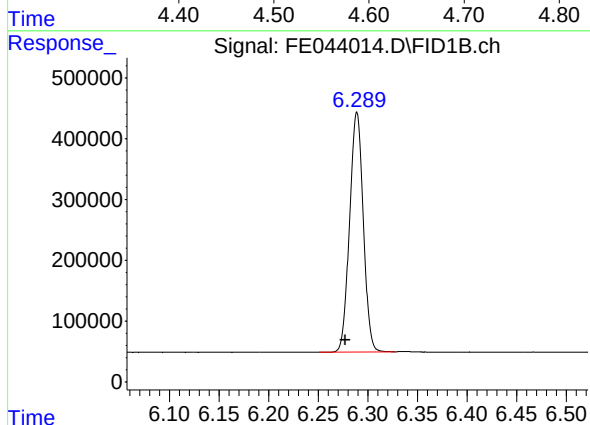
R.T.: 3.339 min
Delta R.T.: 0.010 min
Response: 3335226
Conc: 20.65 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



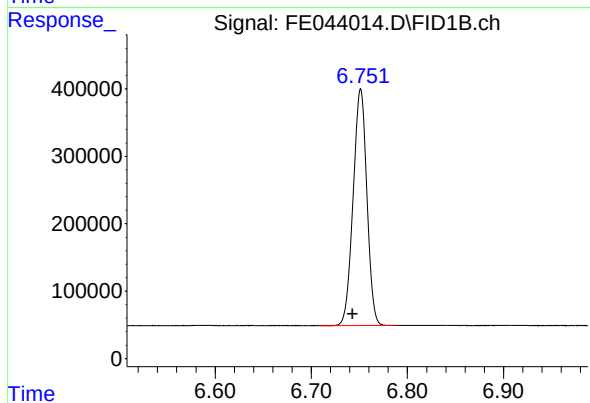
#2 n-Decane (C10)

R.T.: 4.589 min
Delta R.T.: 0.009 min
Response: 3428975
Conc: 20.81 ug/ml



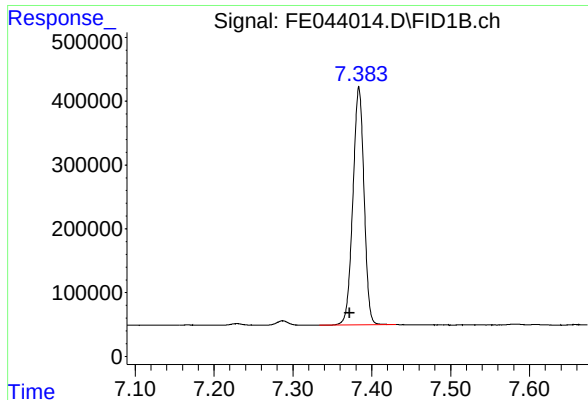
#3 A~Naphthalene (C11.7)

R.T.: 6.289 min
Delta R.T.: 0.012 min
Response: 3780889
Conc: 20.77 ug/ml



#4 n-Dodecane (C12)

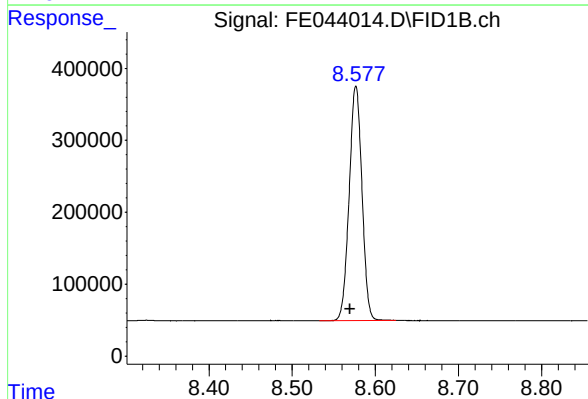
R.T.: 6.751 min
Delta R.T.: 0.008 min
Response: 3488686
Conc: 20.85 ug/ml



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

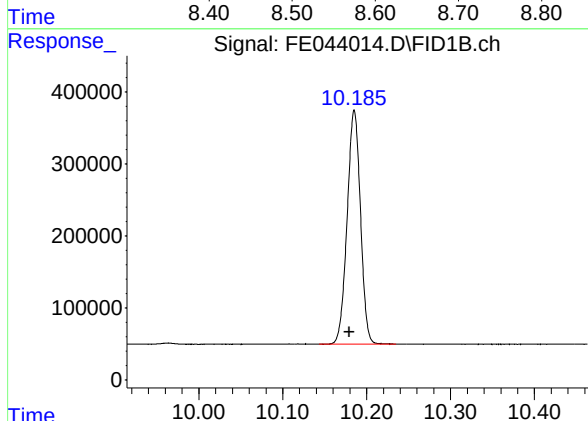
R.T.: 7.384 min
Delta R.T.: 0.012 min
Response: 3659844
Conc: 20.56 ug/ml

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20 PPM ALIPHATIC HC STD



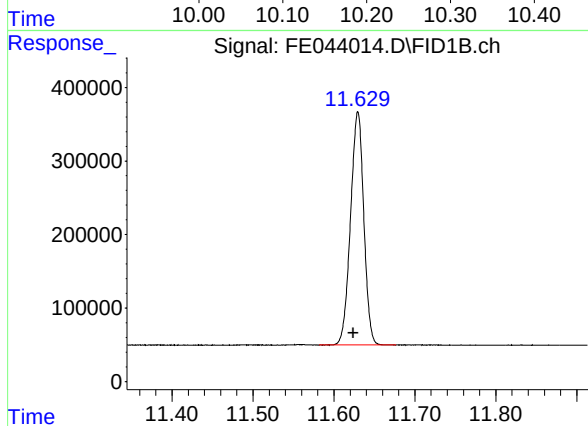
#6 n-Tetradecane (C14)

R.T.: 8.577 min
Delta R.T.: 0.007 min
Response: 3482716
Conc: 20.67 ug/ml



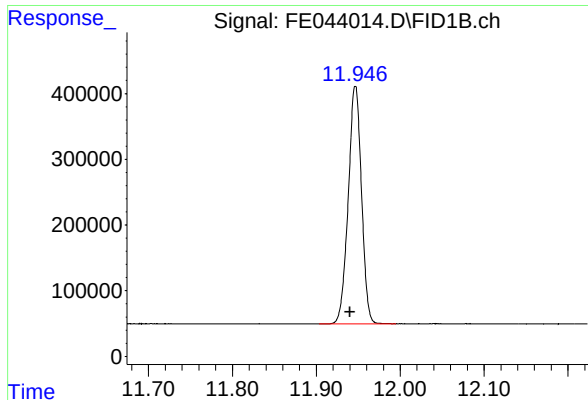
#7 n-Hexadecane (C16)

R.T.: 10.185 min
Delta R.T.: 0.006 min
Response: 3596091
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

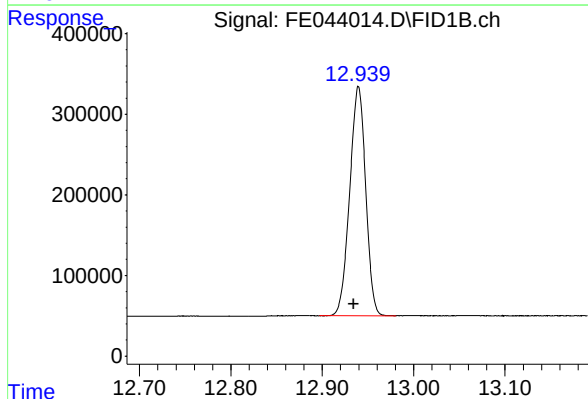
R.T.: 11.630 min
Delta R.T.: 0.006 min
Response: 3614136
Conc: 19.95 ug/ml



#9 ortho-Terphenyl (SURR)

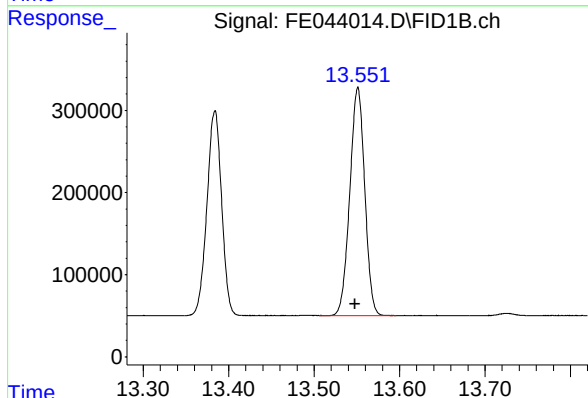
R.T.: 11.947 min
Delta R.T.: 0.006 min
Response: 3976194
Conc: 19.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



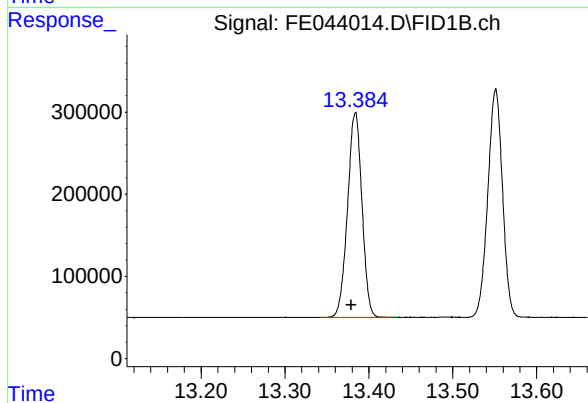
#10 n-Eicosane (C20)

R.T.: 12.940 min
Delta R.T.: 0.005 min
Response: 3455369
Conc: 19.53 ug/ml



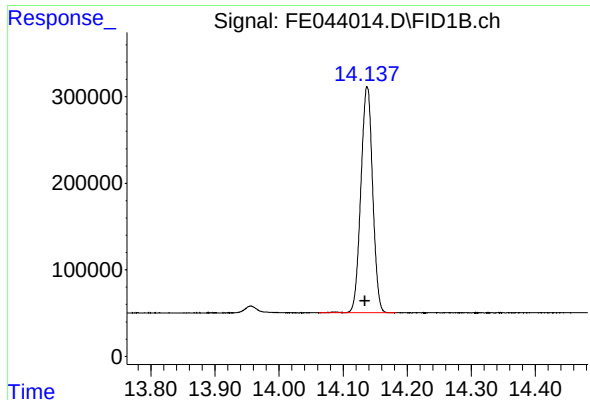
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: 0.003 min
Response: 3371199
Conc: 19.04 ug/ml



#12 1-chlorooctadecane (SURR)

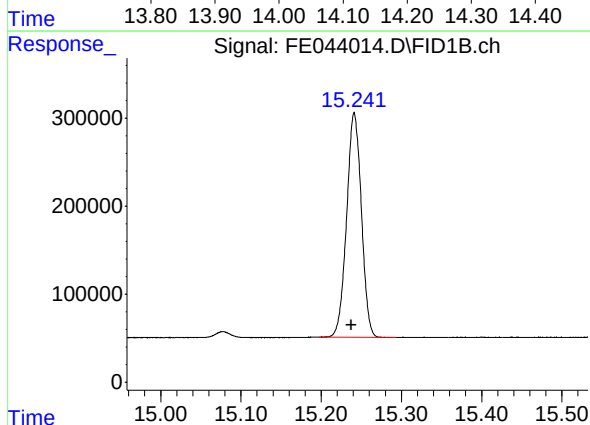
R.T.: 13.384 min
Delta R.T.: 0.005 min
Response: 2974967
Conc: 19.06 ug/ml



#13 n-Docosane (C22)

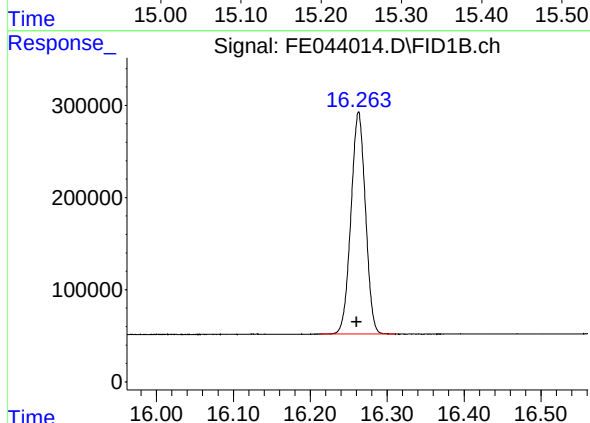
R.T.: 14.138 min
Delta R.T.: 0.004 min
Response: 3344352
Conc: 19.07 ug/ml

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20 PPM ALIPHATIC HC STD



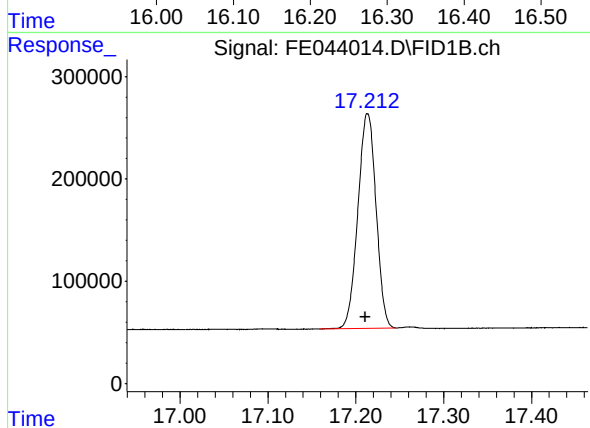
#14 n-Tetracosane (C24)

R.T.: 15.241 min
Delta R.T.: 0.003 min
Response: 3261074
Conc: 18.56 ug/ml



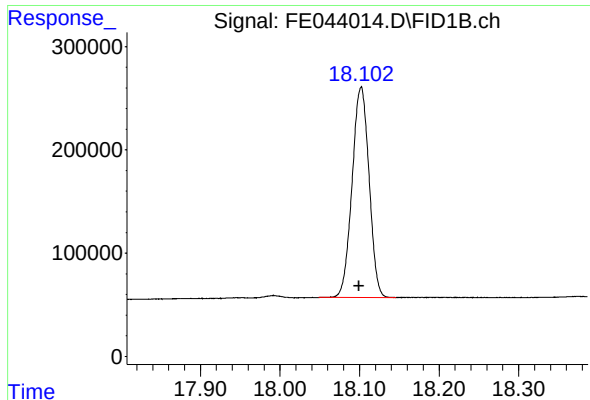
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: 0.003 min
Response: 3157254
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

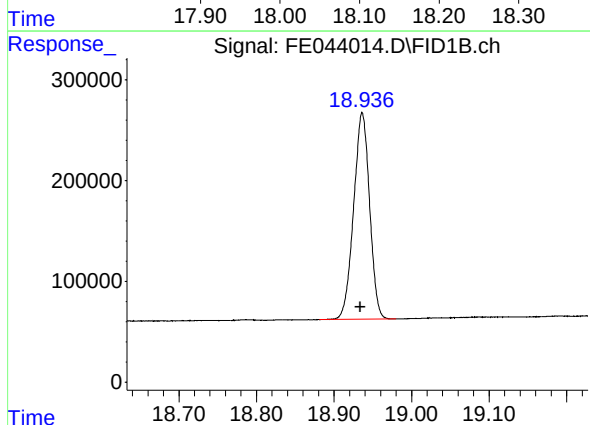
R.T.: 17.213 min
Delta R.T.: 0.003 min
Response: 3011694
Conc: 18.00 ug/ml



#17 n-Tricontane (C30)

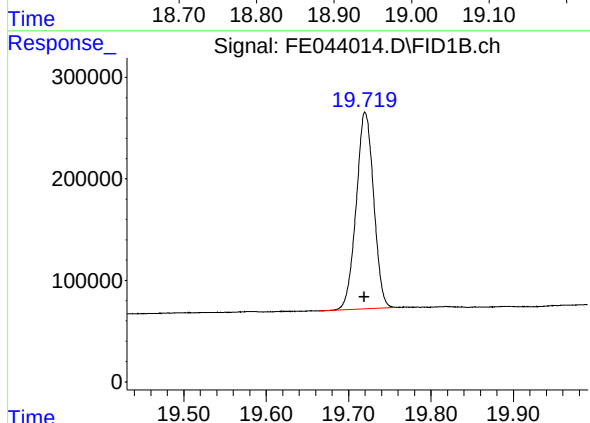
R.T.: 18.102 min
Delta R.T.: 0.002 min
Response: 3021080
Conc: 18.24 ug/ml

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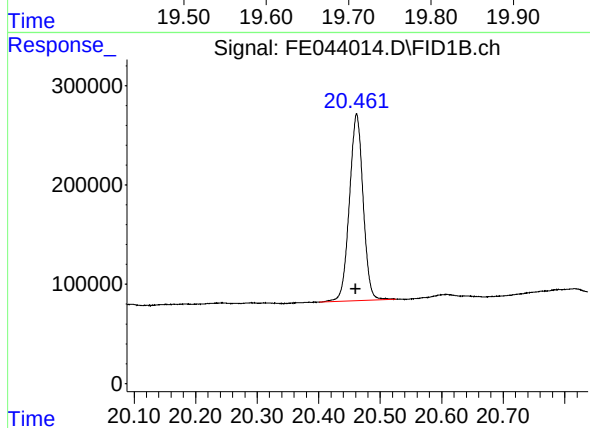
#18 n-Dotriacontane (C32)

R.T.: 18.936 min
Delta R.T.: 0.002 min
Response: 2934920
Conc: 18.59 ug/ml



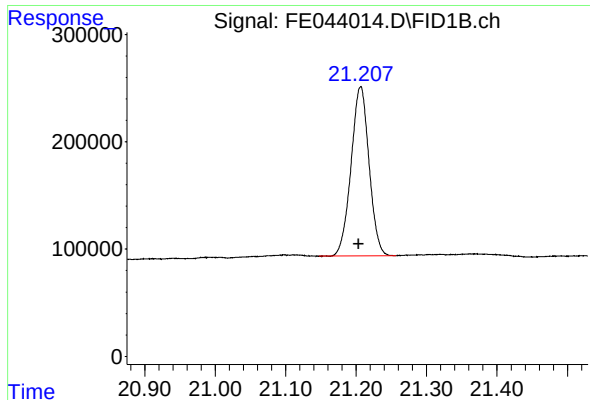
#19 n-Tetatriacontane (C34)

R.T.: 19.720 min
Delta R.T.: 0.001 min
Response: 2848573
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

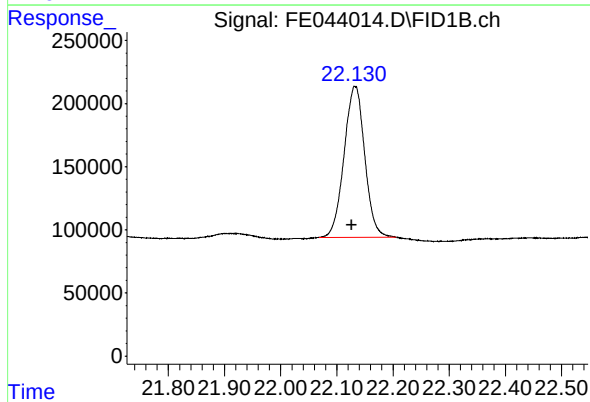
R.T.: 20.462 min
Delta R.T.: 0.002 min
Response: 2912035
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.206 min
Delta R.T.: 0.003 min
Response: 2801151
Conc: 21.00 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.130 min
Delta R.T.: 0.004 min
Response: 3055365
Conc: 23.68 ug/ml m