

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012225AL\
 Data File : FE052006.D
 Signal(s) : FID1B.ch
 Acq On : 22 Jan 2025 19:38
 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: Jan 23 01:43:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 011625.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 16 16:05:07 2025
 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)	12.203	2958334	20.698 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.617	2297905	20.032 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.683	2190424	20.546 ug/ml
2) T n-Decane (C10)	4.910	2358278	21.541 ug/ml
3) T A~Naphthalene (C11.7)	6.605	2676627	22.027 ug/ml
4) T n-Dodecane (C12)	7.038	2472649	21.908 ug/ml
5) T A~2-methylnaphthalene...	7.685	2655341	22.242 ug/ml
6) T n-Tetradecane (C14)	8.844	2533307	21.781 ug/ml
7) T n-Hexadecane (C16)	10.437	2677489	21.230 ug/ml
8) T n-Octadecane (C18)	11.870	2737247	20.689 ug/ml
10) T n-Eicosane (C20)	13.171	2660925	20.298 ug/ml
11) T n-Heneicosane (C21)	13.780	2616373	20.101 ug/ml
13) T n-Docosane (C22)	14.363	2626539	20.014 ug/ml
14) T n-Tetracosane (C24)	15.460	2663902	20.055 ug/ml
15) T n-Hexacosane (C26)	16.477	2630781	19.902 ug/ml
16) T n-Octacosane (C28)	17.423	2637816	19.986 ug/ml
17) T n-Tricontane (C30)	18.308	2805495	20.577 ug/ml
18) T n-Dotriacontane (C32)	19.138	2724964	20.793 ug/ml
19) T n-Tetratriacontane (C34)	19.919	2383143	21.168 ug/ml
20) T n-Hexatriacontane (C36)	20.657	2122582	22.347 ug/ml
21) T n-Octatriacontane (C38)	21.442	1842632	21.331 ug/ml
22) T n-Tetracontane (C40)	22.442	1931727	23.440 ug/ml

(f)=RT Delta > 1/2 Window

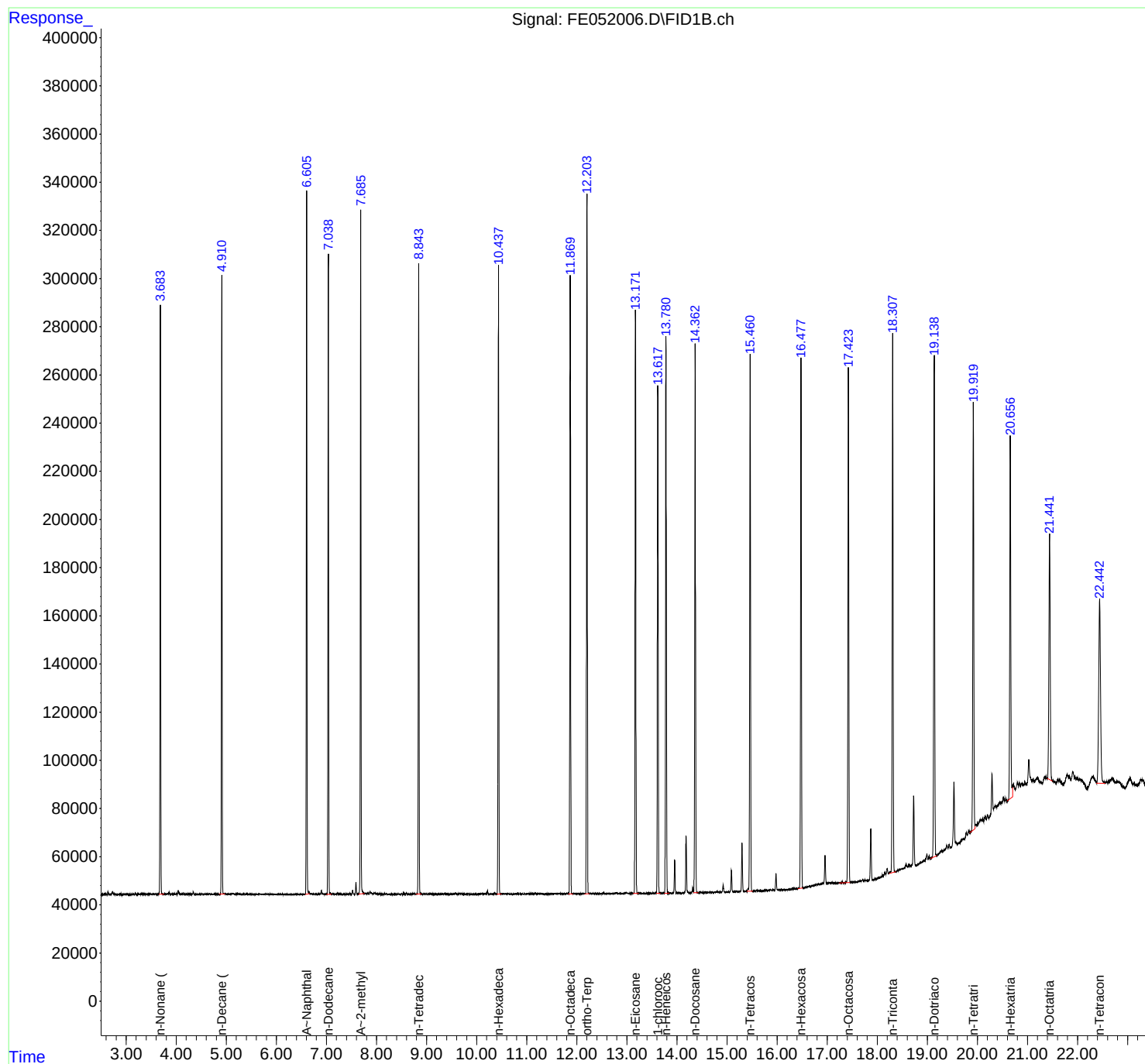
(m)=manual int.

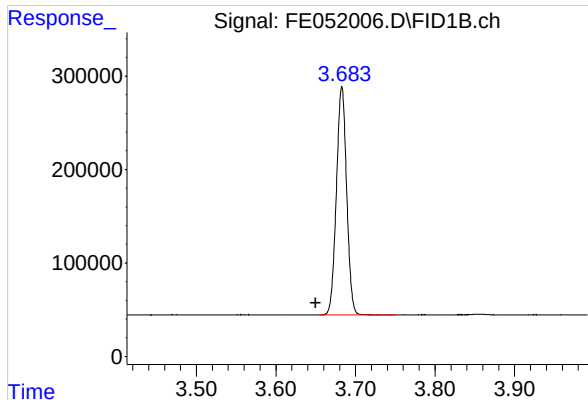
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE012225AL\
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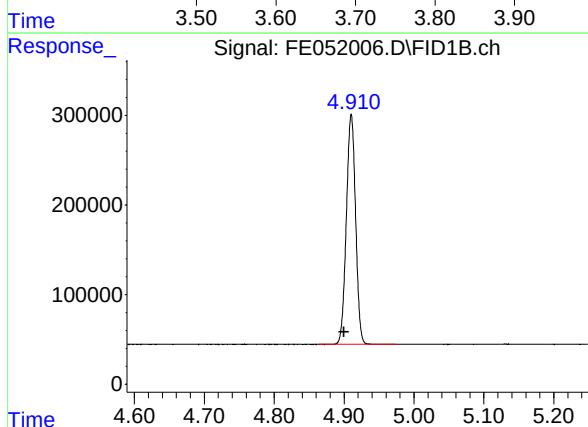




#1 n-Nonane (C9)

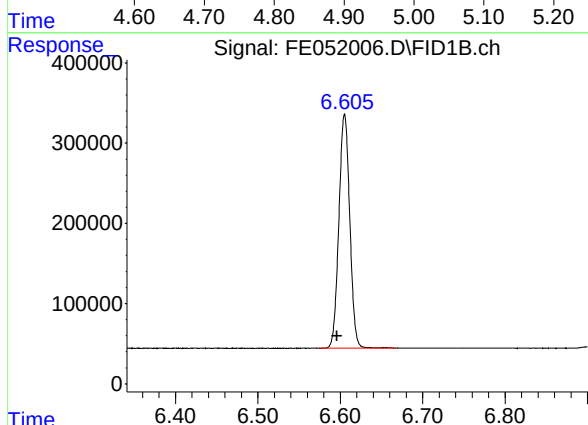
R.T.: 3.683 min
Delta R.T.: 0.033 min
Response: 2190424
Conc: 20.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



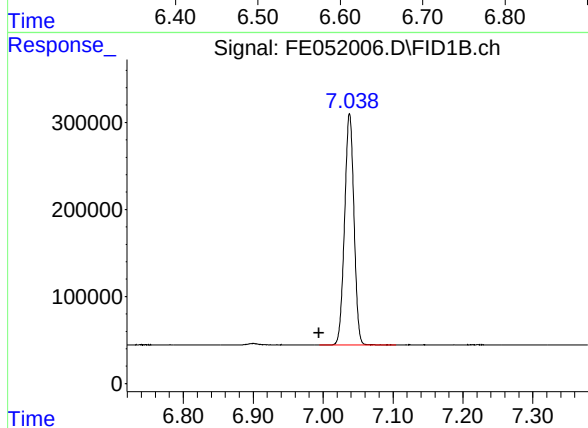
#2 n-Decane (C10)

R.T.: 4.910 min
Delta R.T.: 0.010 min
Response: 2358278
Conc: 21.54 ug/ml



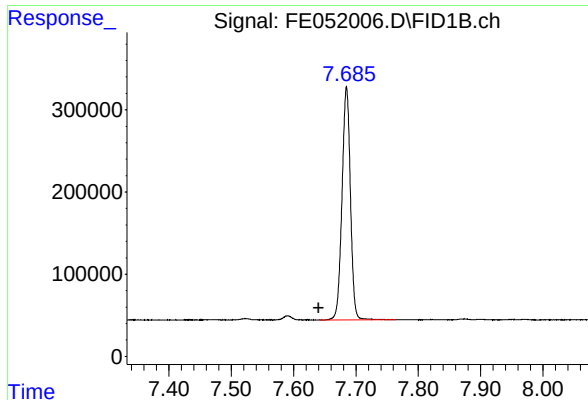
#3 A~Naphthalene (C11.7)

R.T.: 6.605 min
Delta R.T.: 0.009 min
Response: 2676627
Conc: 22.03 ug/ml



#4 n-Dodecane (C12)

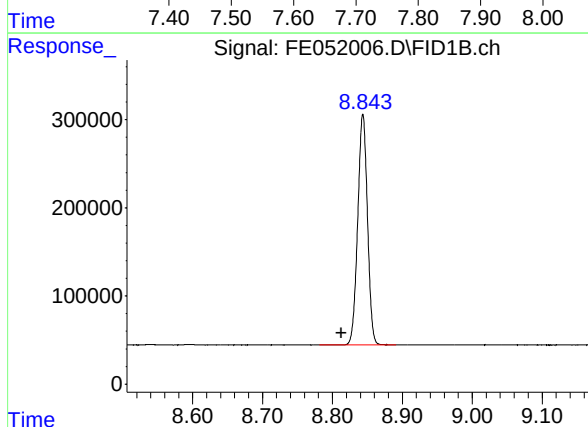
R.T.: 7.038 min
Delta R.T.: 0.044 min
Response: 2472649
Conc: 21.91 ug/ml



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

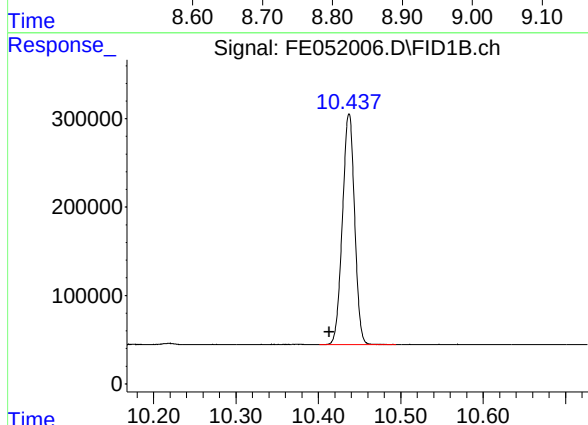
R.T.: 7.685 min
Delta R.T.: 0.044 min
Response: 2655341
Conc: 22.24 ug/ml

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20 PPM ALIPHATIC HC STD



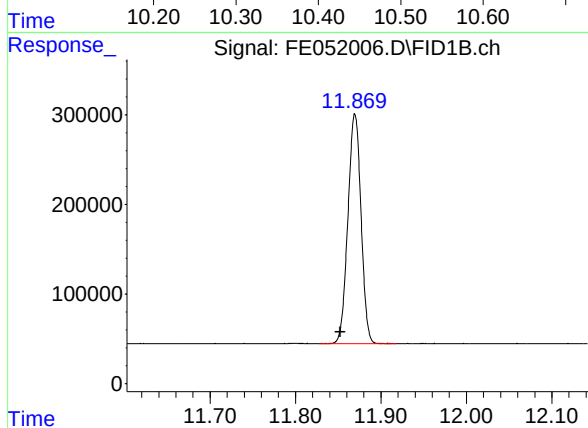
#6 n-Tetradecane (C14)

R.T.: 8.844 min
Delta R.T.: 0.031 min
Response: 2533307
Conc: 21.78 ug/ml



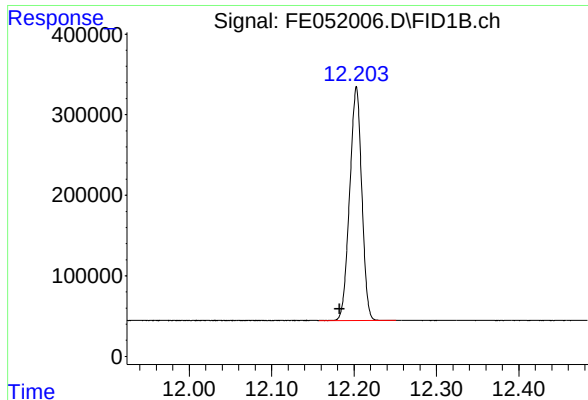
#7 n-Hexadecane (C16)

R.T.: 10.437 min
Delta R.T.: 0.024 min
Response: 2677489
Conc: 21.23 ug/ml



#8 n-Octadecane (C18)

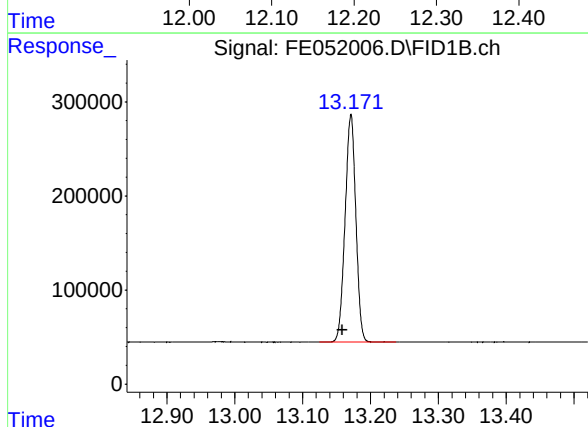
R.T.: 11.870 min
Delta R.T.: 0.017 min
Response: 2737247
Conc: 20.69 ug/ml



#9 ortho-Terphenyl (SURR)

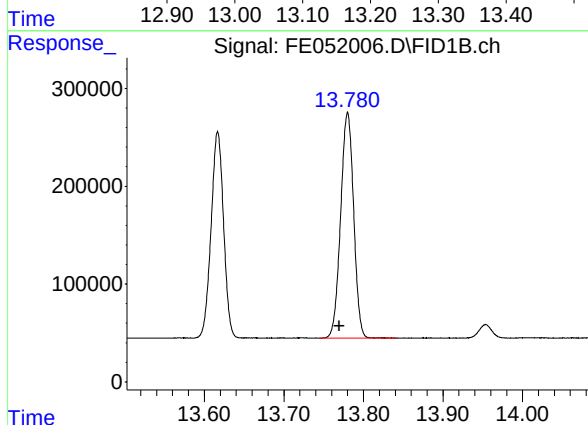
R.T.: 12.203 min
Delta R.T.: 0.020 min
Response: 2958334
Conc: 20.70 ug/ml

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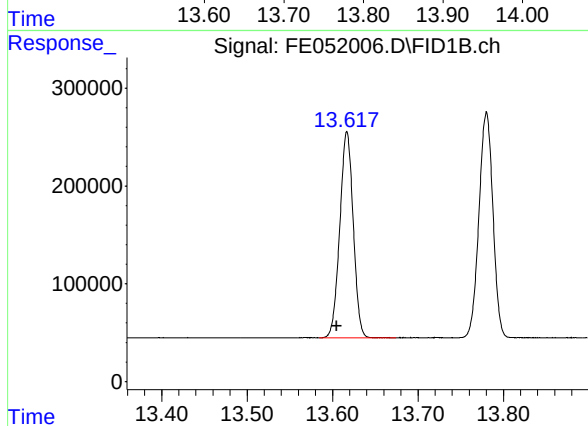
#10 n-Eicosane (C20)

R.T.: 13.171 min
Delta R.T.: 0.012 min
Response: 2660925
Conc: 20.30 ug/ml



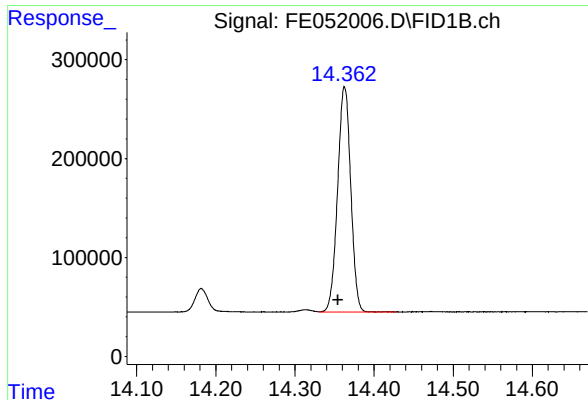
#11 n-Heneicosane (C21)

R.T.: 13.780 min
Delta R.T.: 0.011 min
Response: 2616373
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

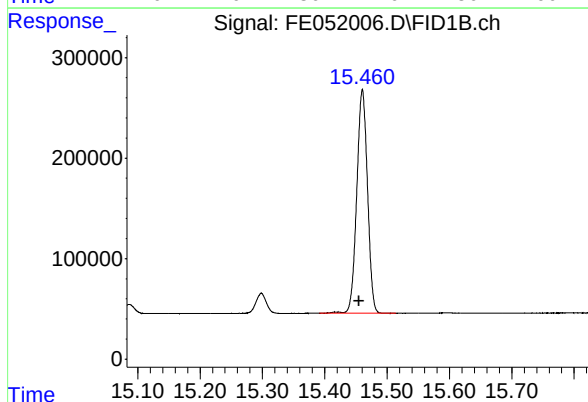
R.T.: 13.617 min
Delta R.T.: 0.012 min
Response: 2297905
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

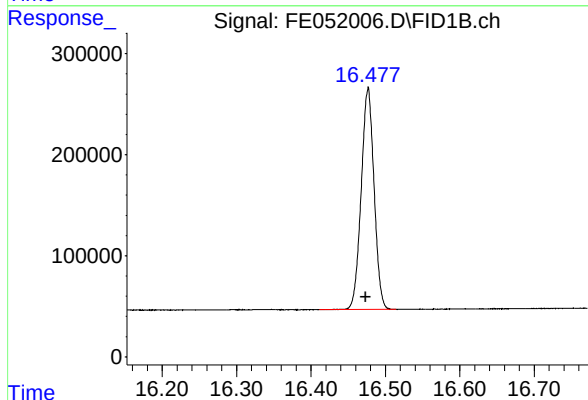
R.T.: 14.363 min
Delta R.T.: 0.009 min
Response: 2626539
Conc: 20.01 ug/ml

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20 PPM ALIPHATIC HC STD



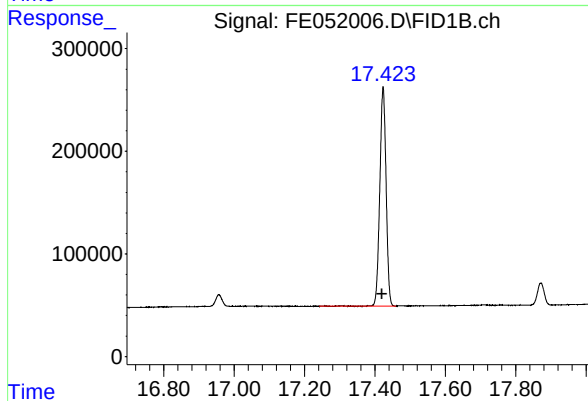
#14 n-Tetracosane (C24)

R.T.: 15.460 min
Delta R.T.: 0.005 min
Response: 2663902
Conc: 20.05 ug/ml



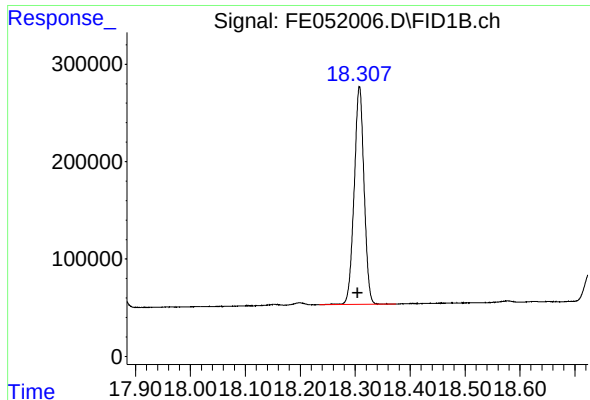
#15 n-Hexacosane (C26)

R.T.: 16.477 min
Delta R.T.: 0.003 min
Response: 2630781
Conc: 19.90 ug/ml



#16 n-Octacosane (C28)

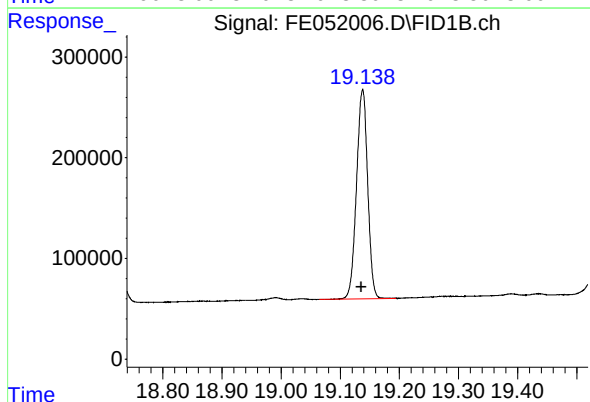
R.T.: 17.423 min
Delta R.T.: 0.003 min
Response: 2637816
Conc: 19.99 ug/ml



#17 n-Tricontane (C30)

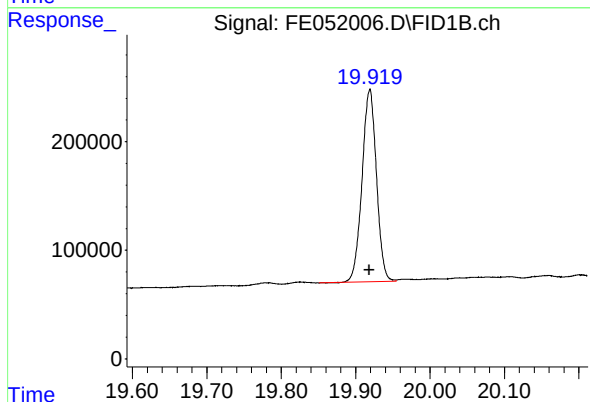
R.T.: 18.308 min
Delta R.T.: 0.003 min
Response: 2805495
Conc: 20.58 ug/ml

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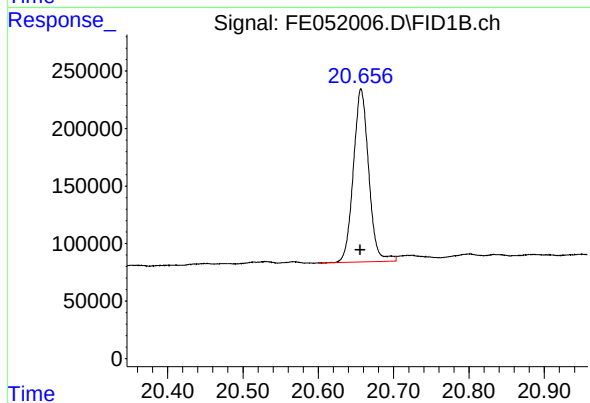
#18 n-Dotriacontane (C32)

R.T.: 19.138 min
Delta R.T.: 0.002 min
Response: 2724964
Conc: 20.79 ug/ml



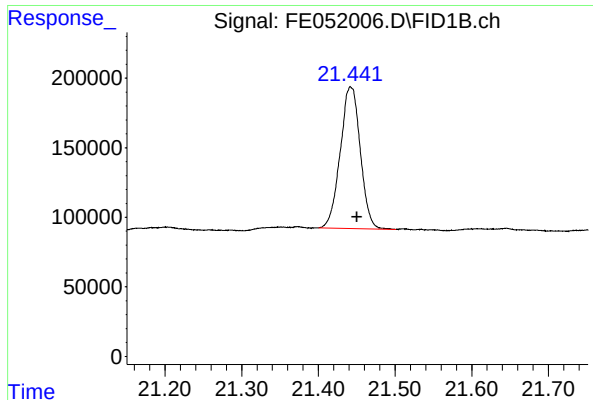
#19 n-Tetratriacontane (C34)

R.T.: 19.919 min
Delta R.T.: 0.000 min
Response: 2383143
Conc: 21.17 ug/ml



#20 n-Hexatriacontane (C36)

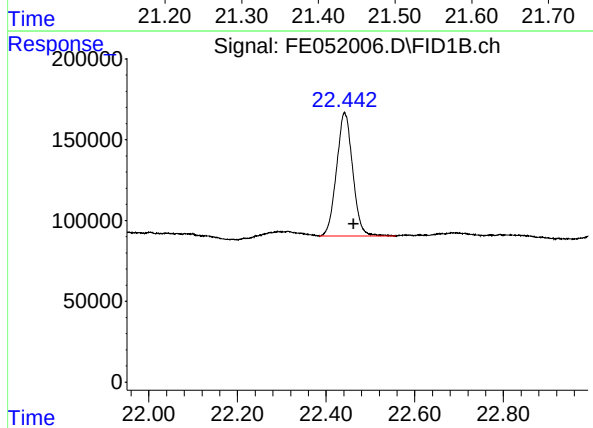
R.T.: 20.657 min
Delta R.T.: 0.001 min
Response: 2122582
Conc: 22.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.442 min
Delta R.T.: -0.008 min
Response: 1842632
Conc: 21.33 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.442 min
Delta R.T.: -0.020 min
Response: 1931727
Conc: 23.44 ug/ml