

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121722AL\
 Data File : FE039364.D
 Signal(s) : FID1B.ch
 Acq On : 17 Dec 2022 01:21
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 17 15:07:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121722.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 17 15:06:43 2022
 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)	11.950	13727369	92.107 ug/ml
Spiked Amount	50.000	Recovery	= 184.21%
12) S 1-chlorooctadecane (S...	13.383	10681414	92.699 ug/ml
Spiked Amount	50.000	Recovery	= 185.40%
Target Compounds			
1) T n-Nonane (C9)	3.335	11854240	93.717 ug/ml
2) T n-Decane (C10)	4.586	11694611	92.352 ug/ml
3) T A~Naphthalene (C11.7)	6.291	13565533	93.652 ug/ml
4) T n-Dodecane (C12)	6.750	11948581	92.796 ug/ml
5) T A~2-methylnaphthalene...	7.387	12901023	94.915 ug/ml
6) T n-Tetradecane (C14)	8.578	12214604	92.980 ug/ml
7) T n-Hexadecane (C16)	10.185	12629904	92.449 ug/ml
8) T n-Octadecane (C18)	11.630	12808158	91.915 ug/ml
10) T n-Eicosane (C20)	12.938	12471025	91.838 ug/ml
11) T n-Heneicosane (C21)	13.551	12492050	91.835 ug/ml
13) T n-Docosane (C22)	14.137	12338020	91.710 ug/ml
14) T n-Tetracosane (C24)	15.240	12173288	92.344 ug/ml
15) T n-Hexacosane (C26)	16.262	11783168	92.160 ug/ml
16) T n-Octacosane (C28)	17.212	11482235	89.709 ug/ml
17) T n-Tricontane (C30)	18.101	11188188	84.918 ug/ml
18) T n-Dotriacontane (C32)	18.934	11134173	82.925 ug/ml
19) T n-Tetratriacontane (C34)	19.718	11081606	85.817 ug/ml
20) T n-Hexatriacontane (C36)	20.458	10815443	89.949 ug/ml
21) T n-Octatriacontane (C38)	21.200	11104366	92.459 ug/ml
22) T n-Tetracontane (C40)	22.123	11460784	94.959 ug/ml

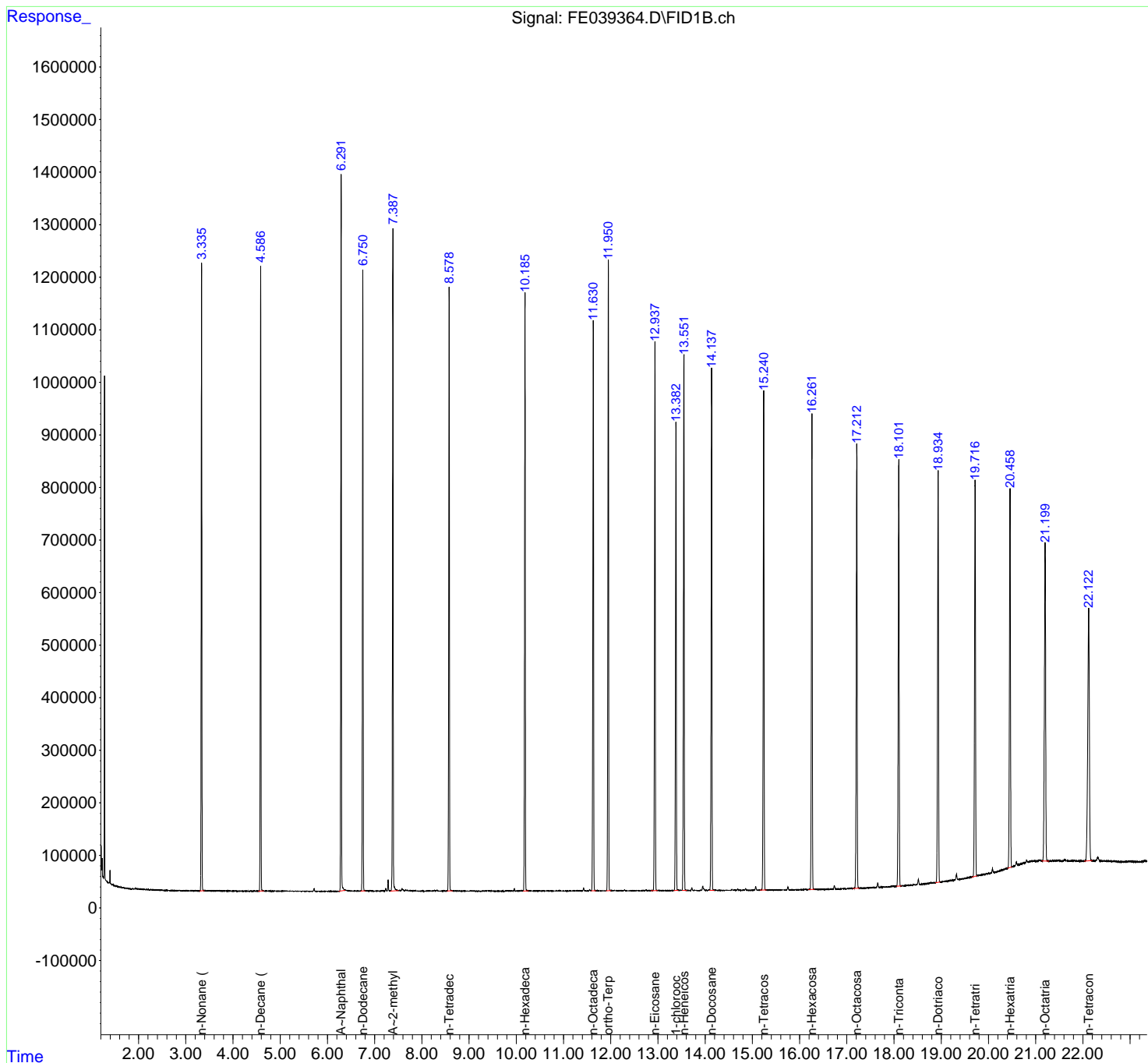
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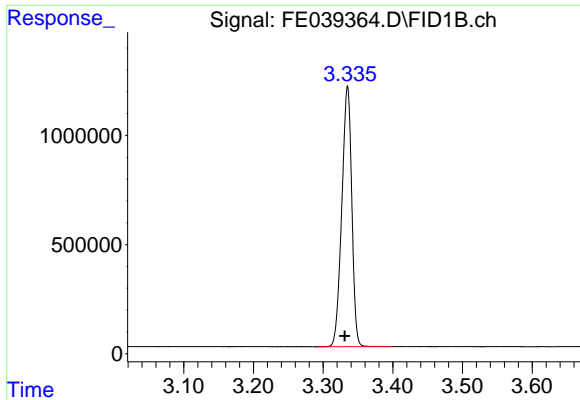
(m)=manual int.

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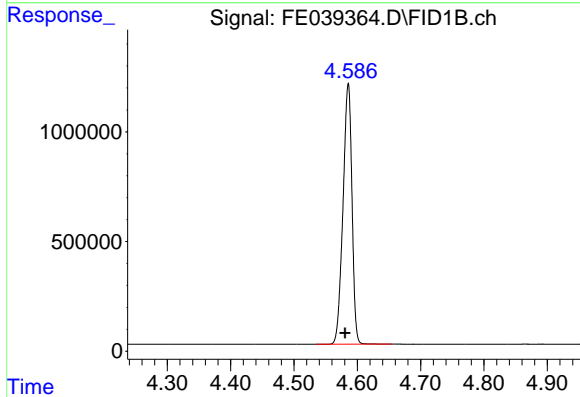
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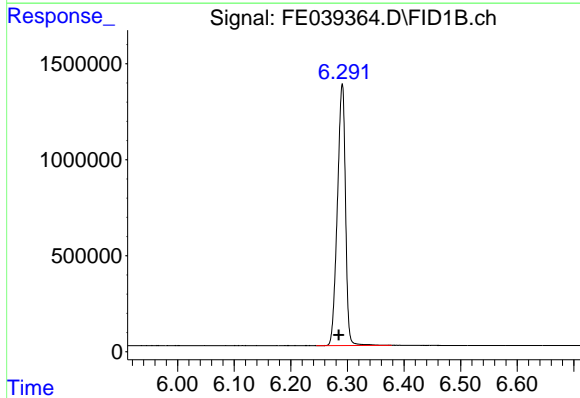




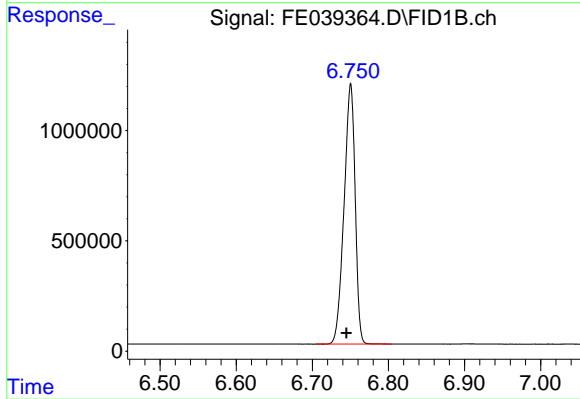
#1 n-Nonane (C9)
R.T.: 3.335 min
Delta R.T.: 0.004 min
Response: 11854240
Conc: 93.72 ug/ml



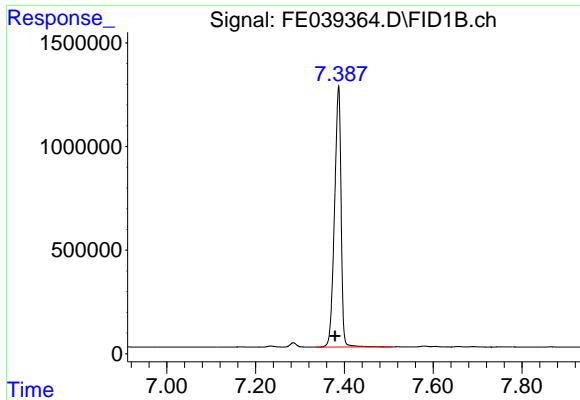
#2 n-Decane (C10)
R.T.: 4.586 min
Delta R.T.: 0.005 min
Response: 11694611
Conc: 92.35 ug/ml



#3 A~Naphthalene (C11.7)
R.T.: 6.291 min
Delta R.T.: 0.006 min
Response: 13565533
Conc: 93.65 ug/ml

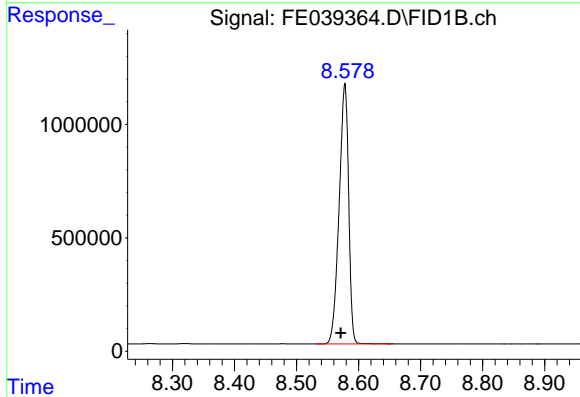


#4 n-Dodecane (C12)
R.T.: 6.750 min
Delta R.T.: 0.006 min
Response: 11948581
Conc: 92.80 ug/ml



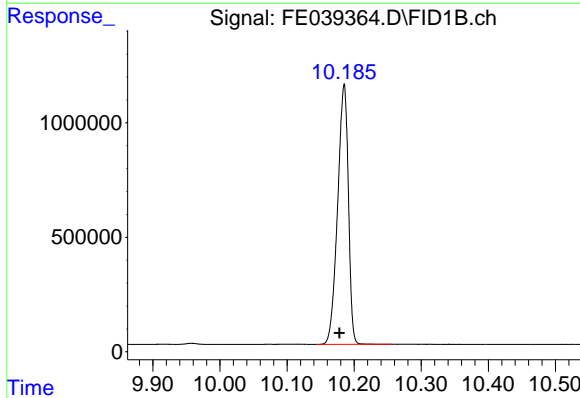
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.387 min
 Delta R.T.: 0.008 min
 Response: 12901023
 Conc: 94.91 ug/ml



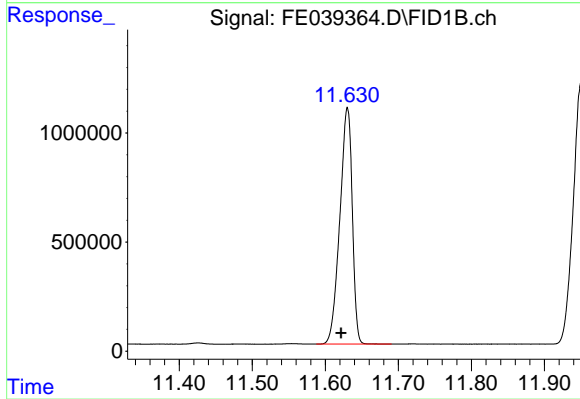
#6 n-Tetradecane (C14)

R.T.: 8.578 min
 Delta R.T.: 0.007 min
 Response: 12214604
 Conc: 92.98 ug/ml



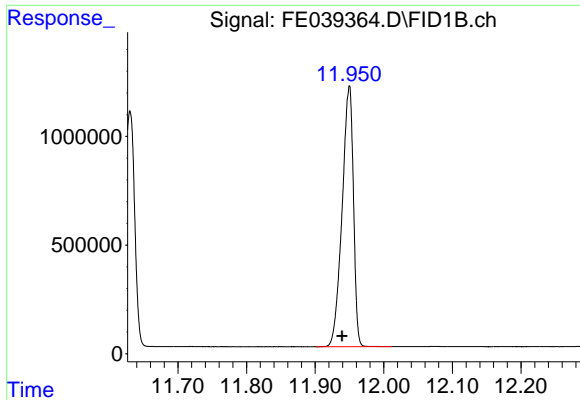
#7 n-Hexadecane (C16)

R.T.: 10.185 min
 Delta R.T.: 0.007 min
 Response: 12629904
 Conc: 92.45 ug/ml



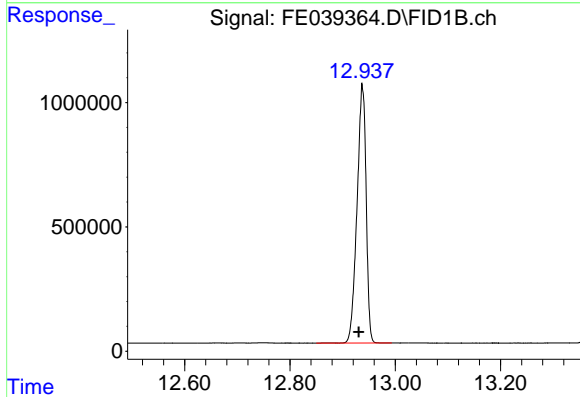
#8 n-Octadecane (C18)

R.T.: 11.630 min
 Delta R.T.: 0.009 min
 Response: 12808158
 Conc: 91.91 ug/ml



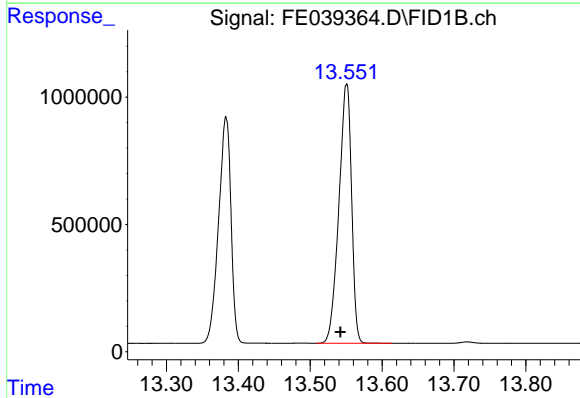
#9 ortho-Terphenyl (SURR)

R.T.: 11.950 min
 Delta R.T.: 0.011 min
 Response: 13727369
 Conc: 92.11 ug/ml



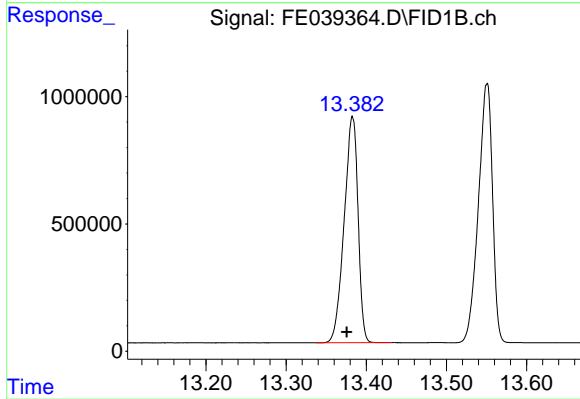
#10 n-Eicosane (C20)

R.T.: 12.938 min
 Delta R.T.: 0.007 min
 Response: 12471025
 Conc: 91.84 ug/ml



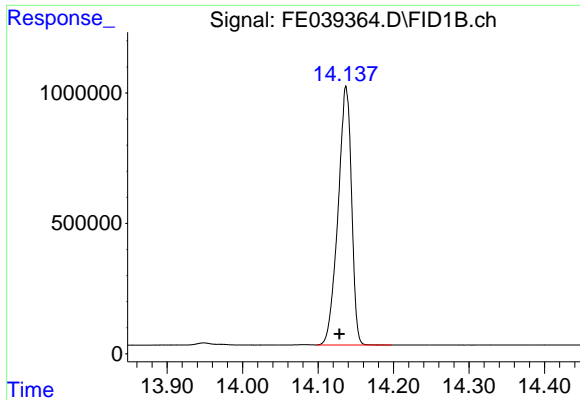
#11 n-Heneicosane (C21)

R.T.: 13.551 min
 Delta R.T.: 0.009 min
 Response: 12492050
 Conc: 91.84 ug/ml

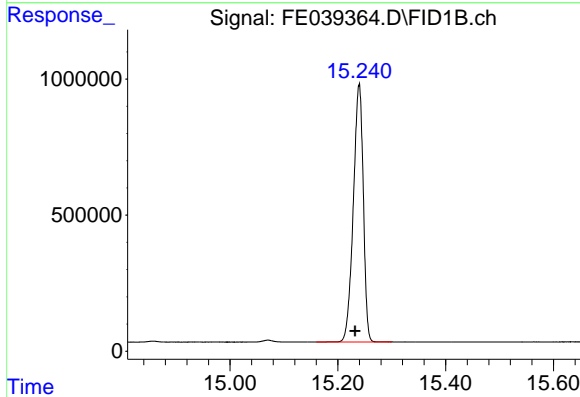


#12 1-chlorooctadecane (SURR)

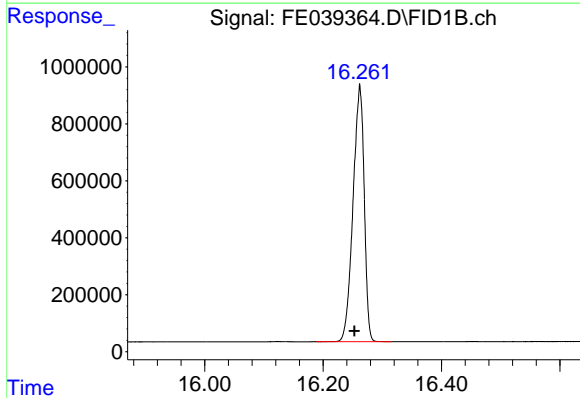
R.T.: 13.383 min
 Delta R.T.: 0.007 min
 Response: 10681414
 Conc: 92.70 ug/ml



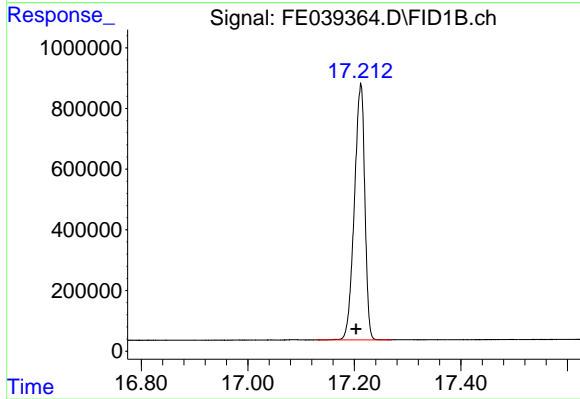
#13 n-Docosane (C22)
R.T.: 14.137 min
Delta R.T.: 0.009 min
Response: 12338020
Conc: 91.71 ug/ml



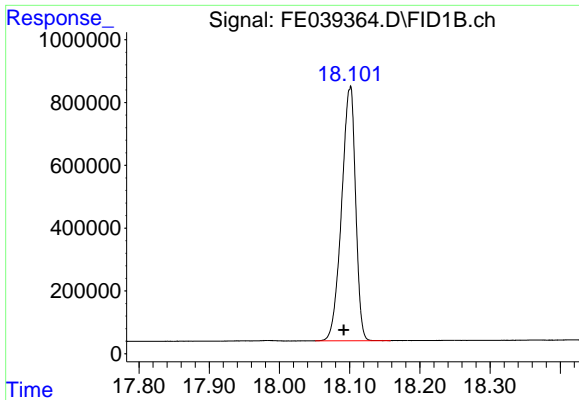
#14 n-Tetracosane (C24)
R.T.: 15.240 min
Delta R.T.: 0.008 min
Response: 12173288
Conc: 92.34 ug/ml



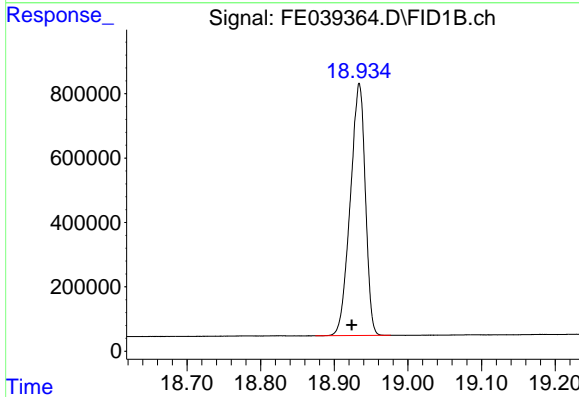
#15 n-Hexacosane (C26)
R.T.: 16.262 min
Delta R.T.: 0.009 min
Response: 11783168
Conc: 92.16 ug/ml



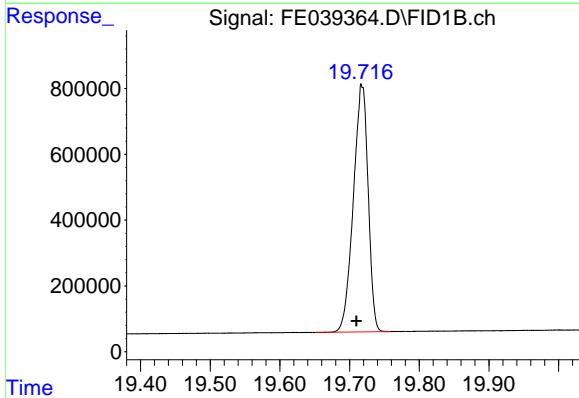
#16 n-Octacosane (C28)
R.T.: 17.212 min
Delta R.T.: 0.009 min
Response: 11482235
Conc: 89.71 ug/ml



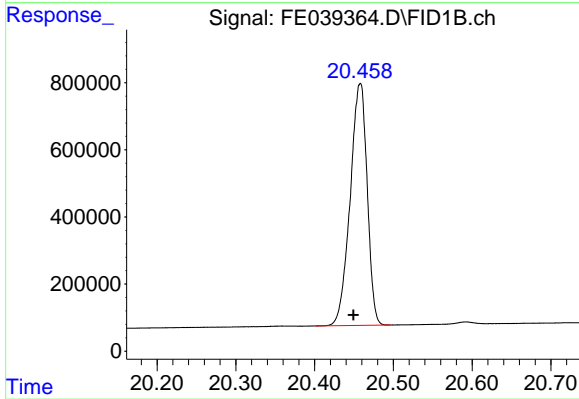
#17 n-Tricontane (C30)
R.T.: 18.101 min
Delta R.T.: 0.010 min
Response: 11188188
Conc: 84.92 ug/ml



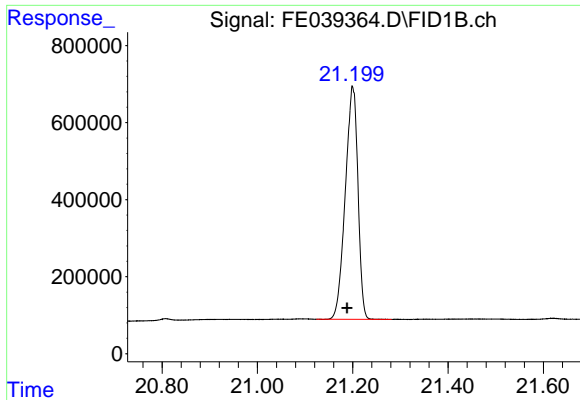
#18 n-Dotriacontane (C32)
R.T.: 18.934 min
Delta R.T.: 0.010 min
Response: 11134173
Conc: 82.92 ug/ml



#19 n-Tetratriacontane (C34)
R.T.: 19.718 min
Delta R.T.: 0.008 min
Response: 11081606
Conc: 85.82 ug/ml

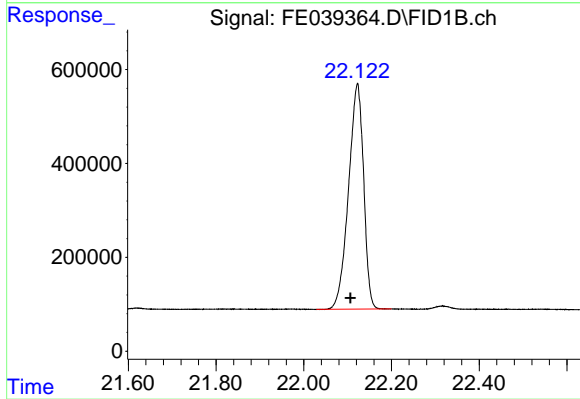


#20 n-Hexatriacontane (C36)
R.T.: 20.458 min
Delta R.T.: 0.009 min
Response: 10815443
Conc: 89.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.011 min
Response: 11104366
Conc: 92.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.016 min
Response: 11460784
Conc: 94.96 ug/ml