

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052208.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 14:54
 Operator : YP\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 03 15:16:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 15:15:58 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)	12.275	675166	5.455 ug/ml
Spiked Amount 50.000		Recovery =	10.91%
12) S 1-chlorooctadecane (S...	13.692	537706	5.448 ug/ml
Spiked Amount 50.000		Recovery =	10.90%
Target Compounds			
1) T n-Nonane (C9)	3.725	509805	5.458 ug/ml
2) T n-Decane (C10)	4.956	522835	5.444 ug/ml
3) T A~Naphthalene (C11.7)	6.662	577816	5.407 ug/ml
4) T n-Dodecane (C12)	7.092	538293	5.431 ug/ml
5) T A~2-methylnaphthalene...	7.746	560813	5.355 ug/ml
6) T n-Tetradecane (C14)	8.904	541104	5.362 ug/ml
7) T n-Hexadecane (C16)	10.502	587427	5.413 ug/ml
8) T n-Octadecane (C18)	11.939	621188	5.468 ug/ml
10) T n-Eicosane (C20)	13.244	619216	5.487 ug/ml
11) T n-Heneicosane (C21)	13.854	616867	5.478 ug/ml
13) T n-Docosane (C22)	14.439	618861	5.467 ug/ml
14) T n-Tetracosane (C24)	15.538	628281	5.464 ug/ml
15) T n-Hexacosane (C26)	16.555	625490	5.454 ug/ml
16) T n-Octacosane (C28)	17.503	619953	5.479 ug/ml
17) T n-Tricontane (C30)	18.388	631538	5.542 ug/ml
18) T n-Dotriacontane (C32)	19.218	616160	5.652 ug/ml
19) T n-Tetratriacontane (C34)	20.000	534446	5.633 ug/ml
20) T n-Hexatriacontane (C36)	20.738	462202	5.594 ug/ml
21) T n-Octatriacontane (C38)	21.549	411671	5.541 ug/ml
22) T n-Tetracontane (C40)	22.584	406021	5.446 ug/ml

(f)=RT Delta > 1/2 Window

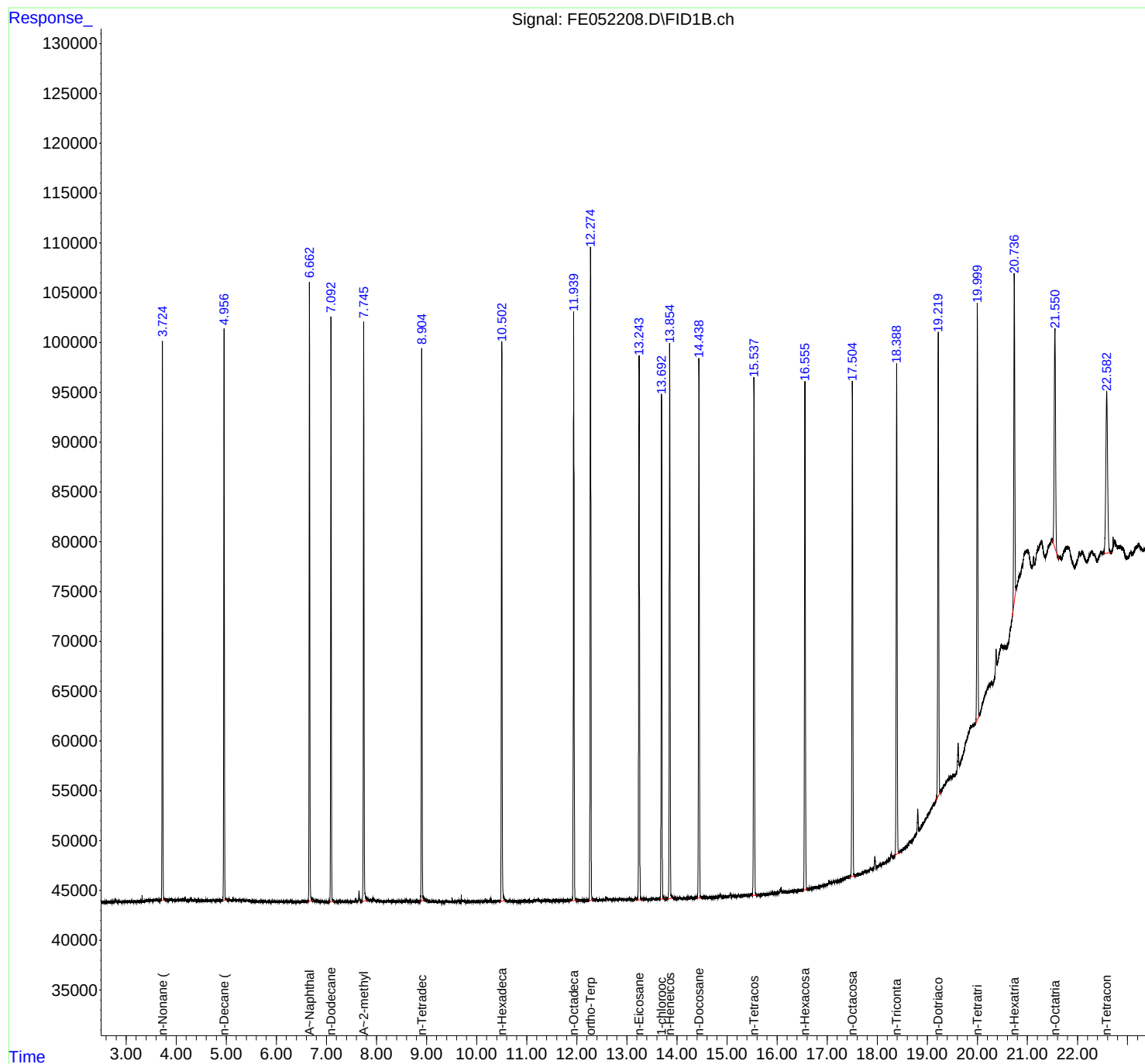
(m)=manual int.

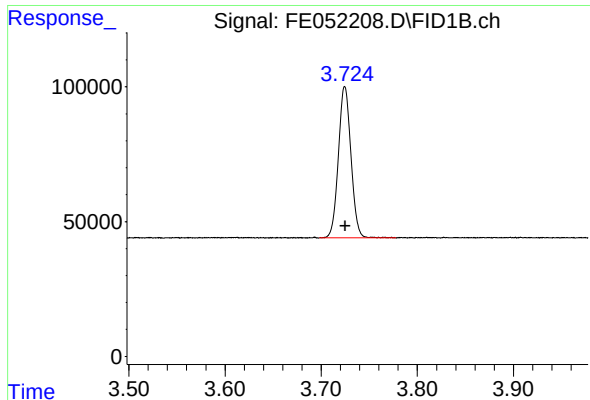
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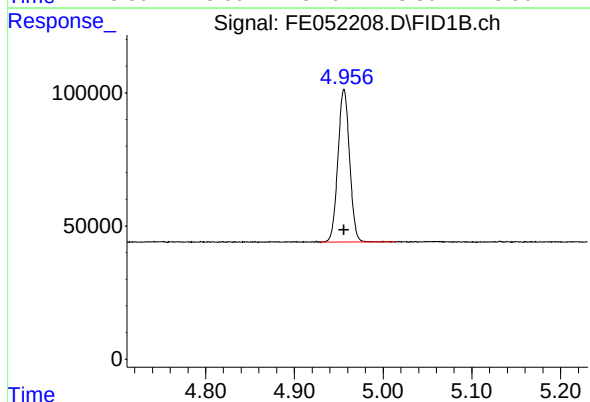




#1 n-Nonane (C9)

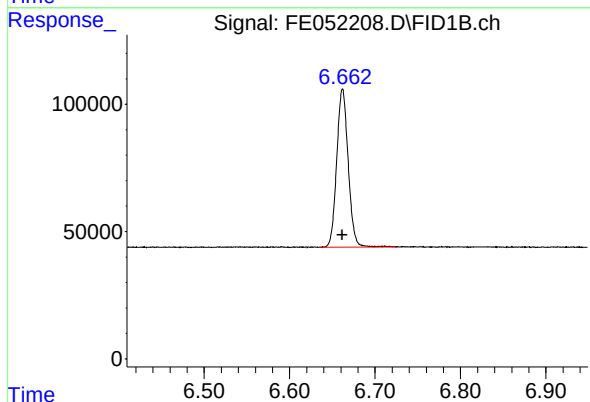
R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 509805
Conc: 5.46 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



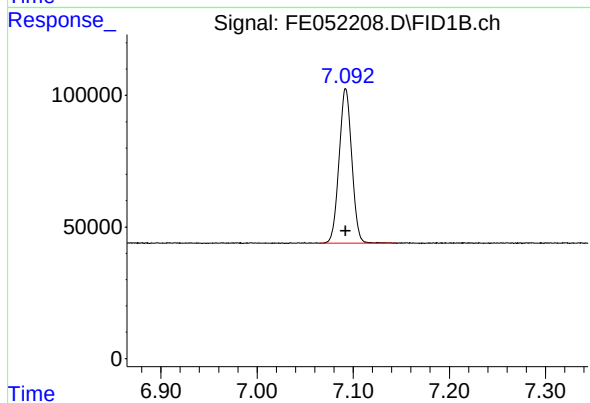
#2 n-Decane (C10)

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 522835
Conc: 5.44 ug/ml



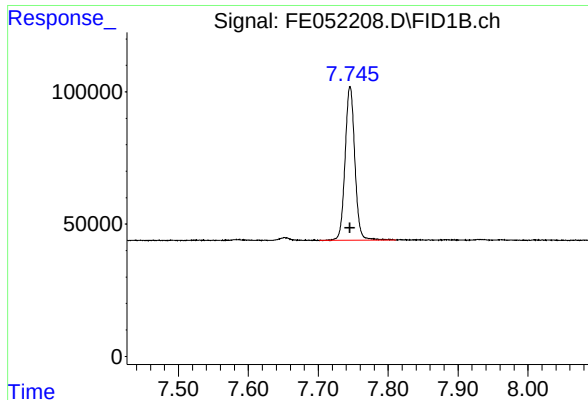
#3 A~Naphthalene (C11.7)

R.T.: 6.662 min
Delta R.T.: 0.000 min
Response: 577816
Conc: 5.41 ug/ml



#4 n-Dodecane (C12)

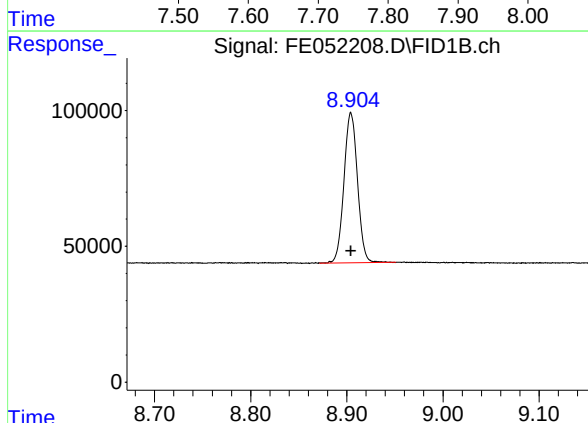
R.T.: 7.092 min
Delta R.T.: 0.000 min
Response: 538293
Conc: 5.43 ug/ml



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

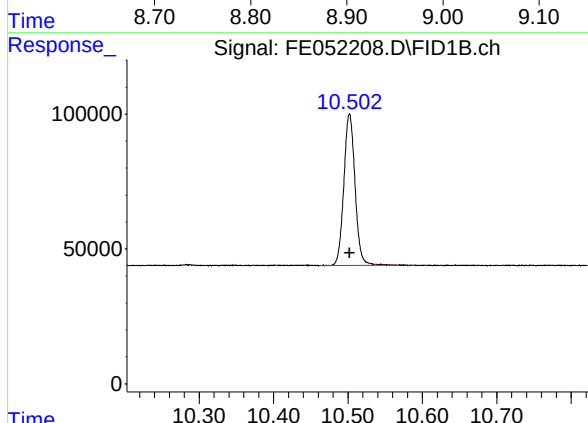
R.T.: 7.746 min
Delta R.T.: 0.000 min
Response: 560813
Conc: 5.35 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



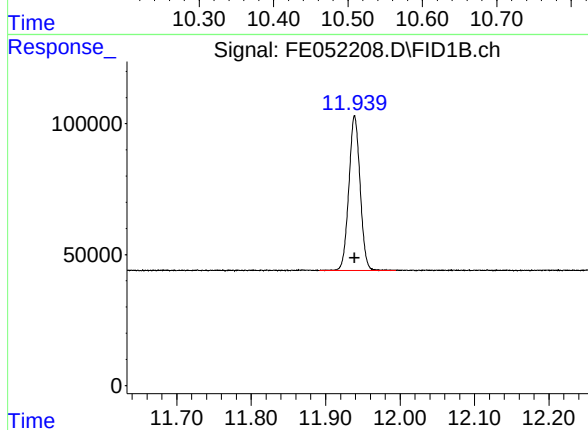
#6 n-Tetradecane (C14)

R.T.: 8.904 min
Delta R.T.: 0.000 min
Response: 541104
Conc: 5.36 ug/ml



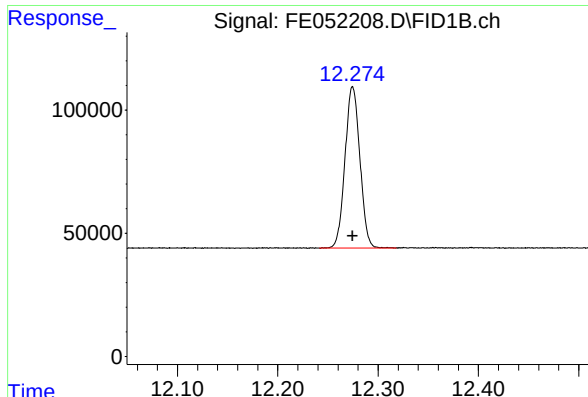
#7 n-Hexadecane (C16)

R.T.: 10.502 min
Delta R.T.: 0.000 min
Response: 587427
Conc: 5.41 ug/ml



#8 n-Octadecane (C18)

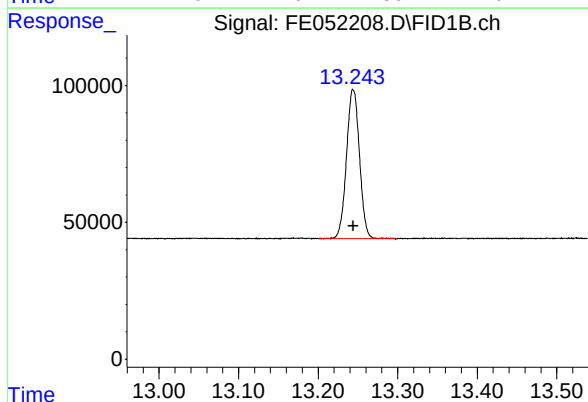
R.T.: 11.939 min
Delta R.T.: 0.000 min
Response: 621188
Conc: 5.47 ug/ml



#9 ortho-Terphenyl (SURR)

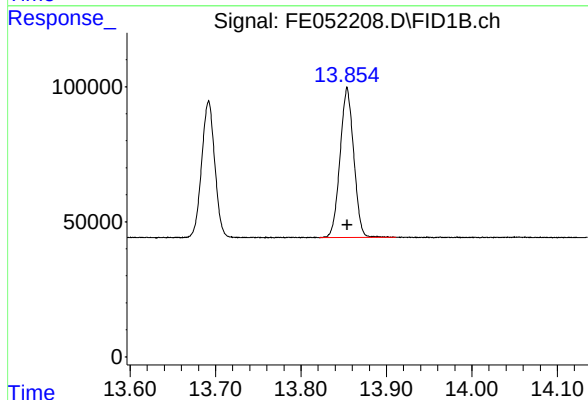
R.T.: 12.275 min
Delta R.T.: 0.000 min
Response: 675166
Conc: 5.46 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



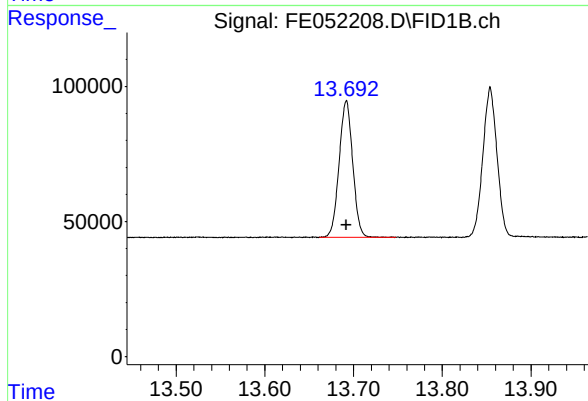
#10 n-Eicosane (C20)

R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 619216
Conc: 5.49 ug/ml



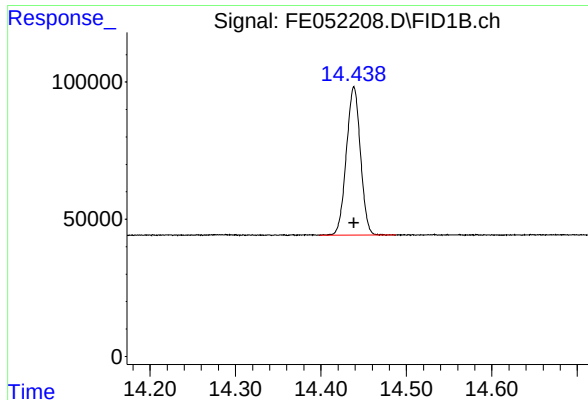
#11 n-Heneicosane (C21)

R.T.: 13.854 min
Delta R.T.: 0.000 min
Response: 616867
Conc: 5.48 ug/ml



#12 1-chlorooctadecane (SURR)

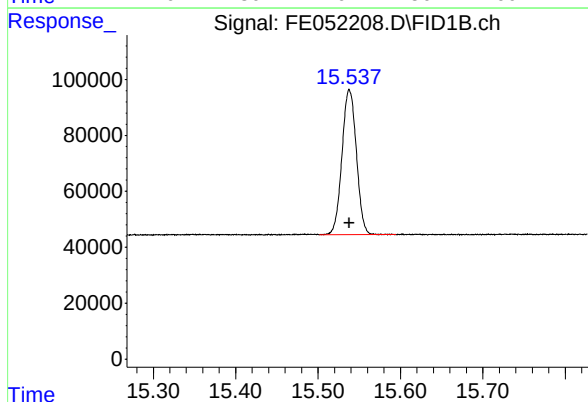
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 537706
Conc: 5.45 ug/ml



#13 n-Docosane (C22)

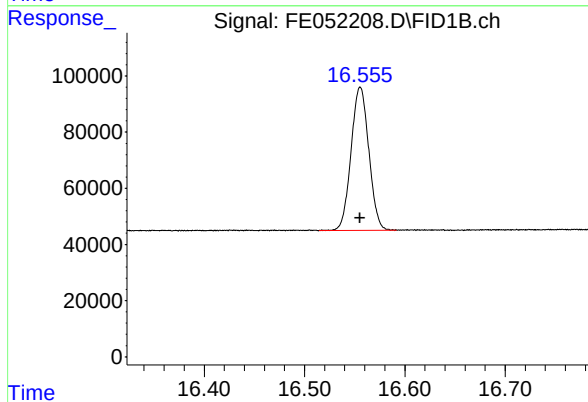
R.T.: 14.439 min
Delta R.T.: 0.000 min
Response: 618861
Conc: 5.47 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



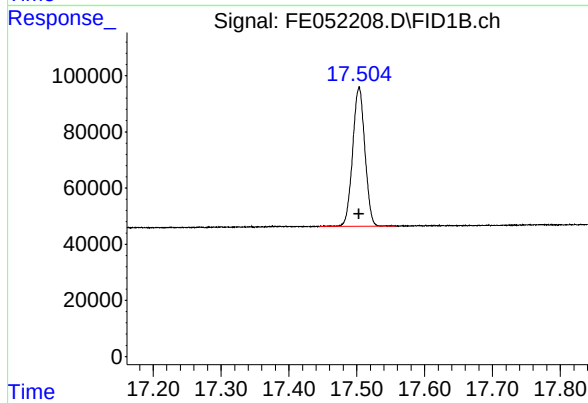
#14 n-Tetracosane (C24)

R.T.: 15.538 min
Delta R.T.: 0.000 min
Response: 628281
Conc: 5.46 ug/ml



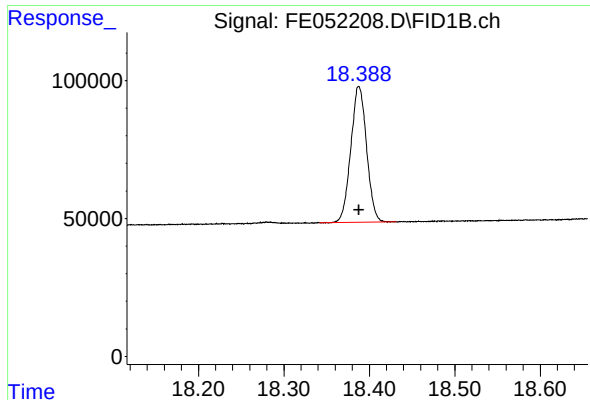
#15 n-Hexacosane (C26)

R.T.: 16.555 min
Delta R.T.: 0.000 min
Response: 625490
Conc: 5.45 ug/ml



#16 n-Octacosane (C28)

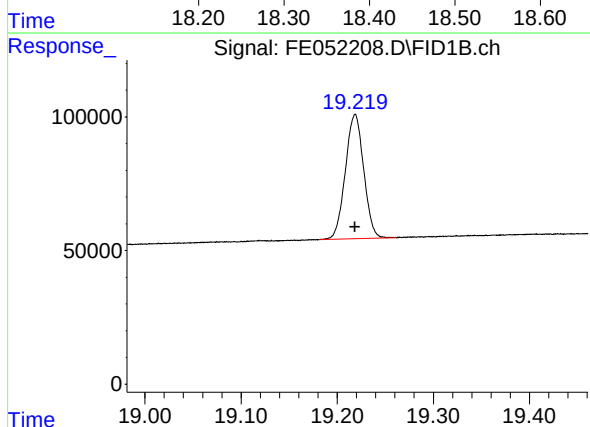
R.T.: 17.503 min
Delta R.T.: 0.000 min
Response: 619953
Conc: 5.48 ug/ml



#17 n-Tricontane (C30)

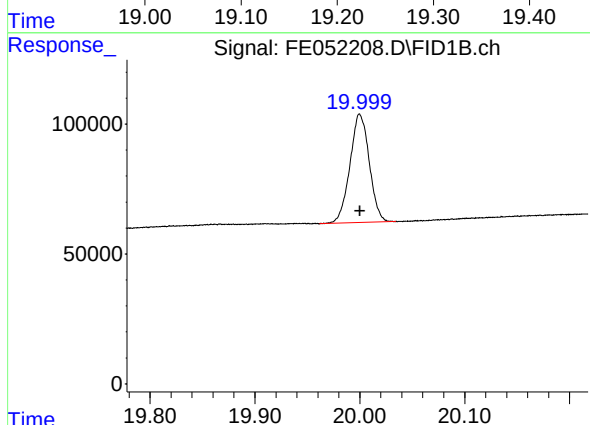
R.T.: 18.388 min
Delta R.T.: 0.000 min
Response: 631538
Conc: 5.54 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



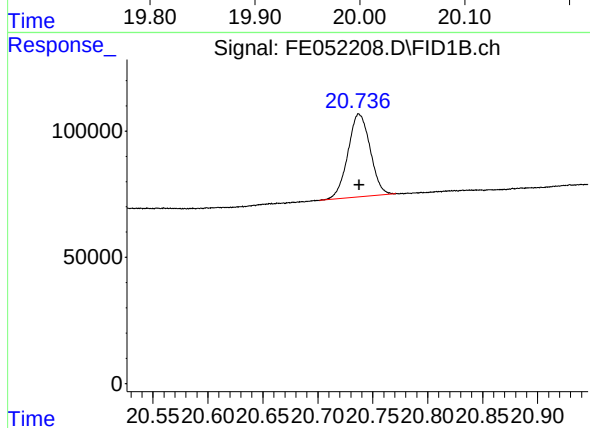
#18 n-Dotriacontane (C32)

R.T.: 19.218 min
Delta R.T.: 0.000 min
Response: 616160
Conc: 5.65 ug/ml



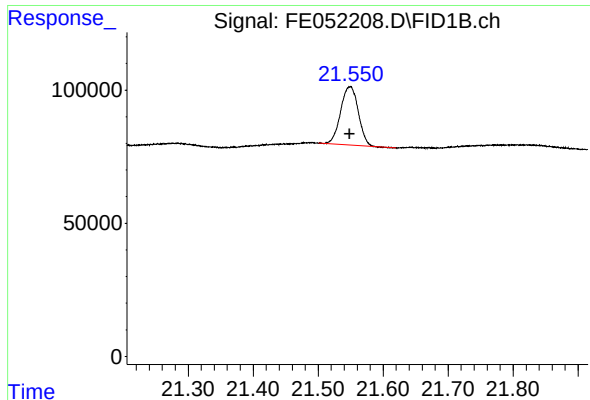
#19 n-Tetatriacontane (C34)

R.T.: 20.000 min
Delta R.T.: 0.000 min
Response: 534446
Conc: 5.63 ug/ml



#20 n-Hexatriacontane (C36)

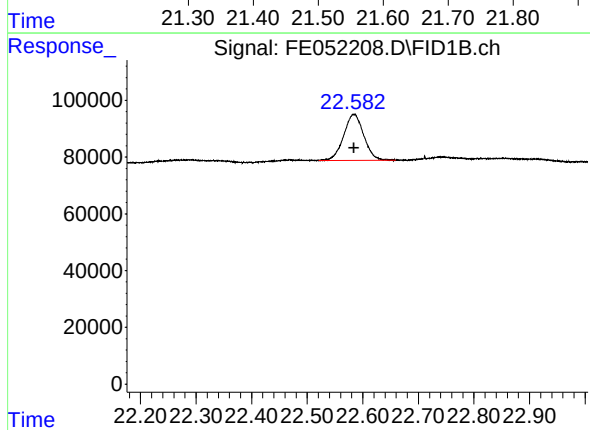
R.T.: 20.738 min
Delta R.T.: 0.000 min
Response: 462202
Conc: 5.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.549 min
Delta R.T.: 0.000 min
Response: 411671
Conc: 5.54 ug/ml

Instrument :
FID_E
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 22.584 min
Delta R.T.: 0.000 min
Response: 406021
Conc: 5.45 ug/ml