

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020325AL\
 Data File : FE052205.D
 Signal(s) : FID1B.ch
 Acq On : 03 Feb 2025 12:21
 Operator : YP\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Feb 03 13:58:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 03 13:54:43 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)	12.285	5955153	49.627 ug/ml
Spiked Amount 50.000		Recovery =	99.25%
12) S 1-chlorooctadecane (S...	13.700	4747770	49.590 ug/ml
Spiked Amount 50.000		Recovery =	99.18%
Target Compounds			
1) T n-Nonane (C9)	3.730	4482230	49.589 ug/ml
2) T n-Decane (C10)	4.962	4616333	49.578 ug/ml
3) T A~Naphthalene (C11.7)	6.668	5170881	49.727 ug/ml
4) T n-Dodecane (C12)	7.099	4779669	49.620 ug/ml
5) T A~2-methylnaphthalene...	7.753	5097838	49.690 ug/ml
6) T n-Tetradecane (C14)	8.912	4903440	49.713 ug/ml
7) T n-Hexadecane (C16)	10.510	5244652	49.664 ug/ml
8) T n-Octadecane (C18)	11.948	5466831	49.651 ug/ml
10) T n-Eicosane (C20)	13.253	5412975	49.575 ug/ml
11) T n-Heneicosane (C21)	13.862	5401448	49.554 ug/ml
13) T n-Docosane (C22)	14.447	5433041	49.570 ug/ml
14) T n-Tetracosane (C24)	15.547	5516574	49.534 ug/ml
15) T n-Hexacosane (C26)	16.564	5505166	49.584 ug/ml
16) T n-Octacosane (C28)	17.511	5417535	49.589 ug/ml
17) T n-Tricontane (C30)	18.397	5406612	49.427 ug/ml
18) T n-Dotriacontane (C32)	19.228	5123574	49.285 ug/ml
19) T n-Tetratriacontane (C34)	20.010	4482520	49.379 ug/ml
20) T n-Hexatriacontane (C36)	20.747	3850881	48.875 ug/ml
21) T n-Octatriacontane (C38)	21.561	3526461	49.058 ug/ml
22) T n-Tetracontane (C40)	22.600	3521284	49.390 ug/ml

(f)=RT Delta > 1/2 Window

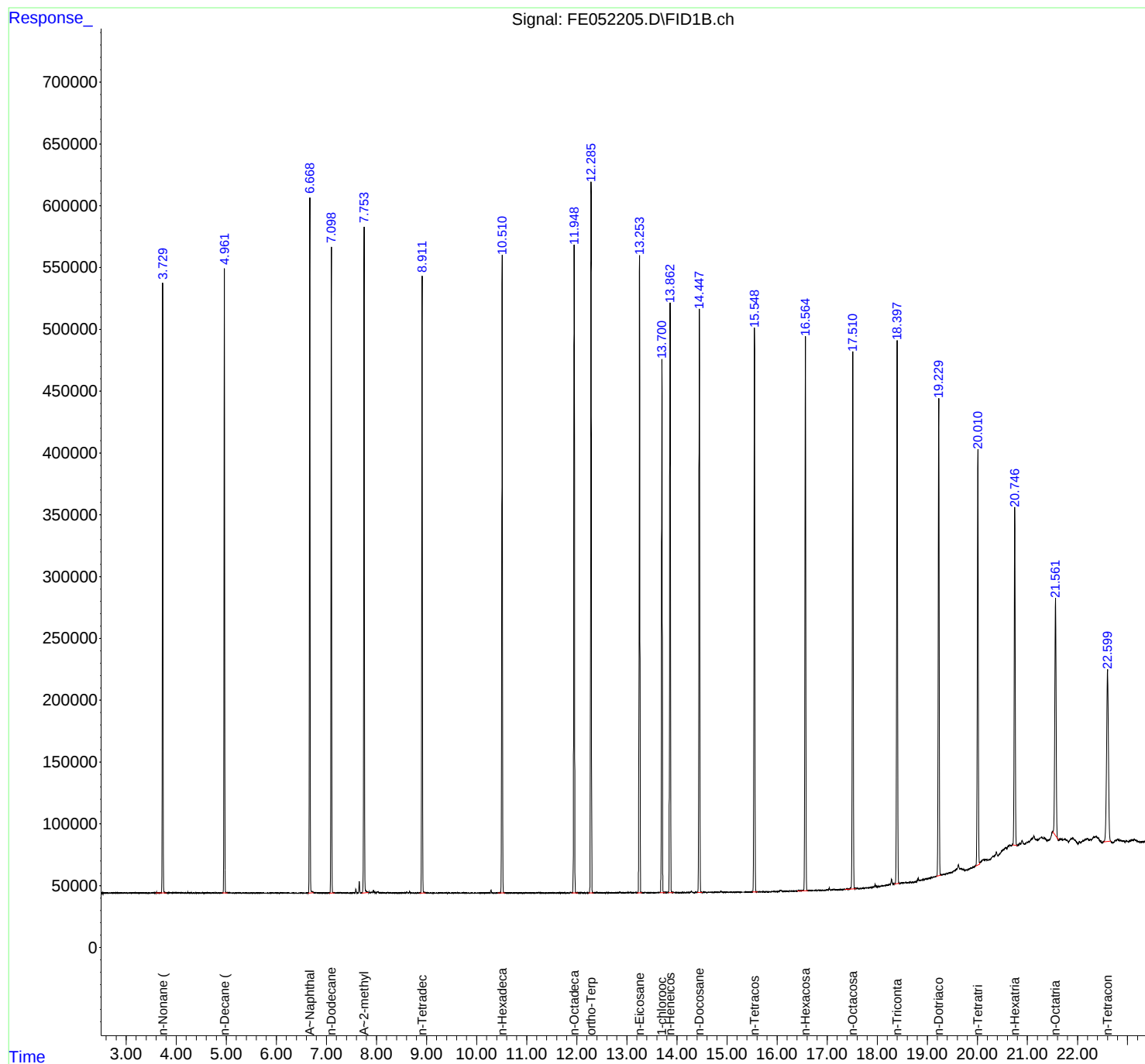
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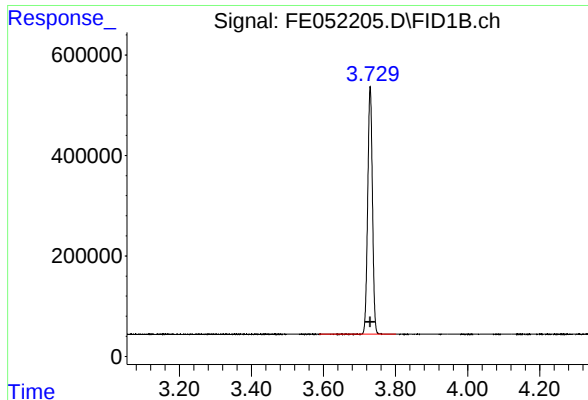
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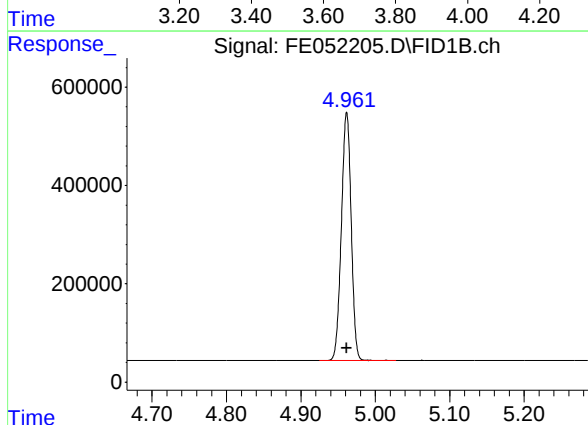




#1 n-Nonane (C9)

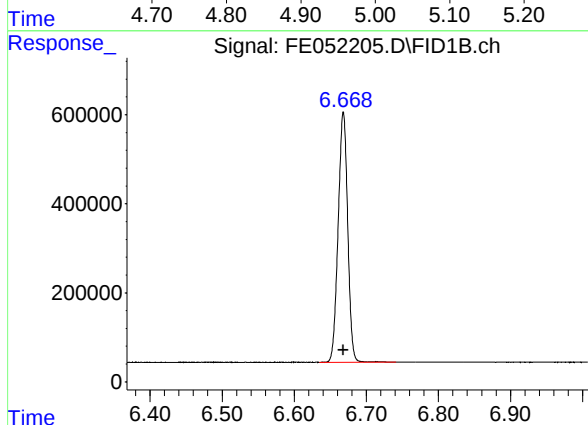
R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 4482230
Conc: 49.59 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



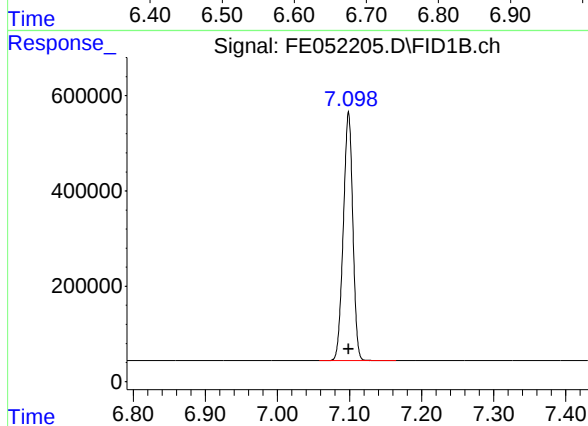
#2 n-Decane (C10)

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 4616333
Conc: 49.58 ug/ml



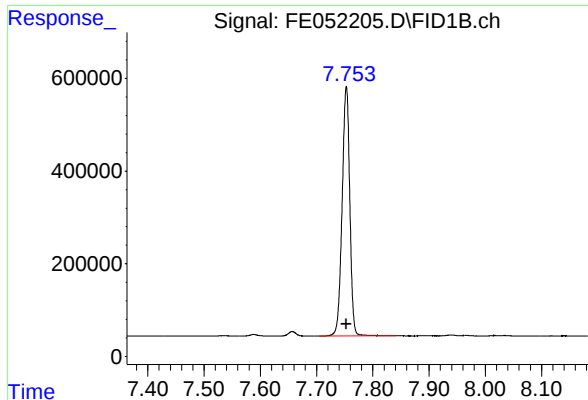
#3 A~Naphthalene (C11.7)

R.T.: 6.668 min
Delta R.T.: 0.000 min
Response: 5170881
Conc: 49.73 ug/ml



#4 n-Dodecane (C12)

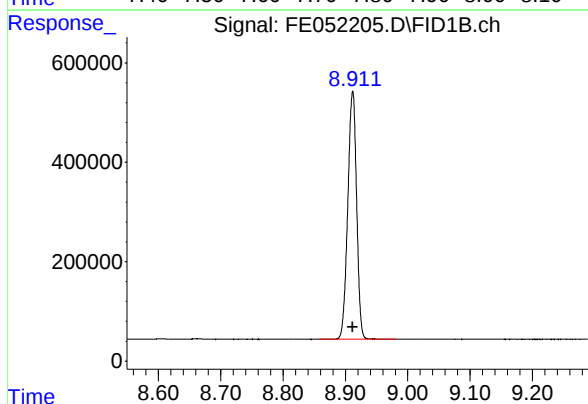
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 4779669
Conc: 49.62 ug/ml



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

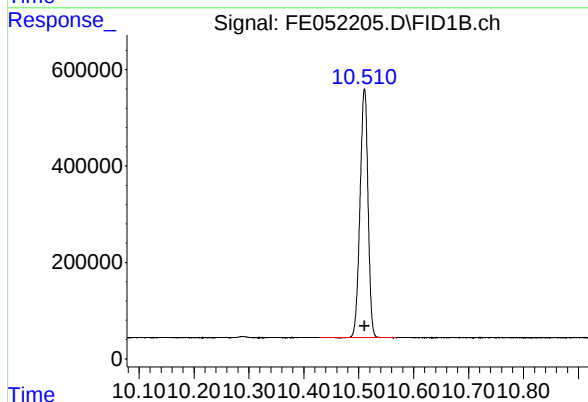
R.T.: 7.753 min
Delta R.T.: 0.000 min
Response: 5097838
Conc: 49.69 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



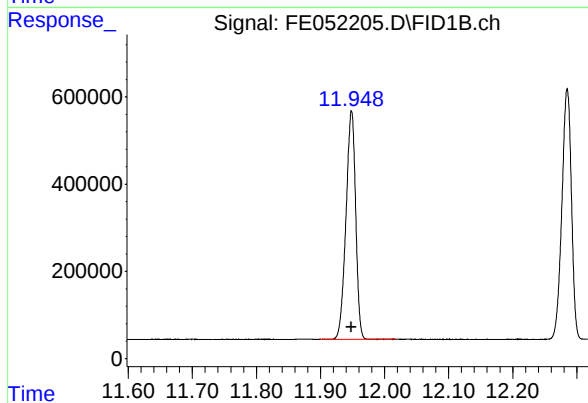
#6 n-Tetradecane (C14)

R.T.: 8.912 min
Delta R.T.: 0.000 min
Response: 4903440
Conc: 49.71 ug/ml



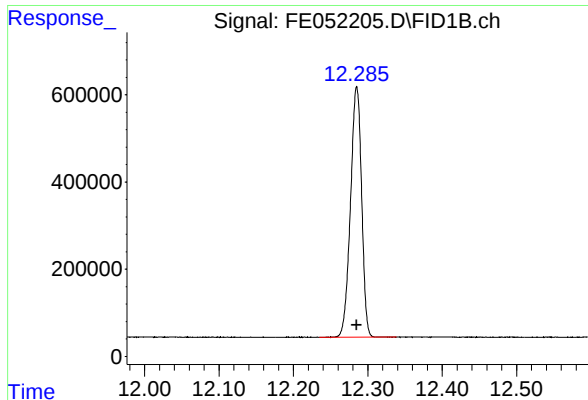
#7 n-Hexadecane (C16)

R.T.: 10.510 min
Delta R.T.: 0.000 min
Response: 5244652
Conc: 49.66 ug/ml



#8 n-Octadecane (C18)

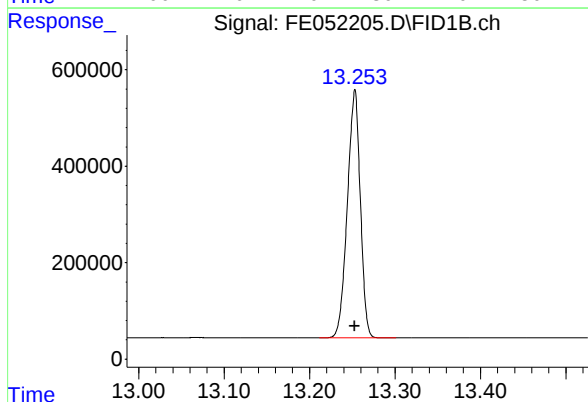
R.T.: 11.948 min
Delta R.T.: 0.000 min
Response: 5466831
Conc: 49.65 ug/ml



#9 ortho-Terphenyl (SURR)

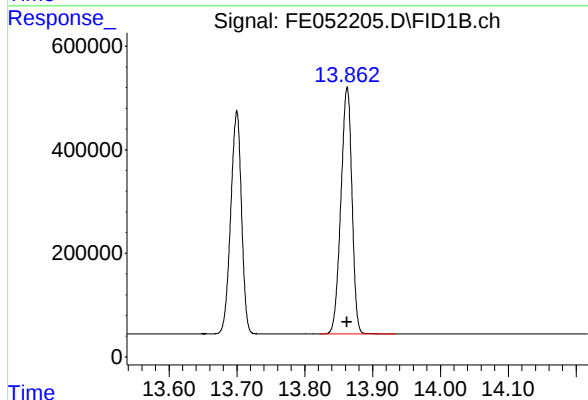
R.T.: 12.285 min
Delta R.T.: 0.000 min
Response: 5955153
Conc: 49.63 ug/ml

Instrument :
FID_E
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50 PPM ALIPHATIC HC STD2



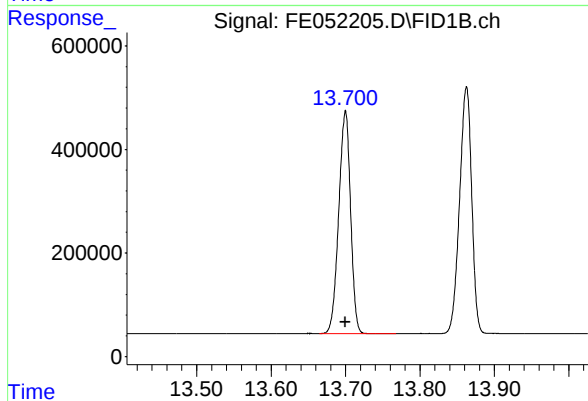
#10 n-Eicosane (C20)

R.T.: 13.253 min
Delta R.T.: 0.000 min
Response: 5412975
Conc: 49.58 ug/ml



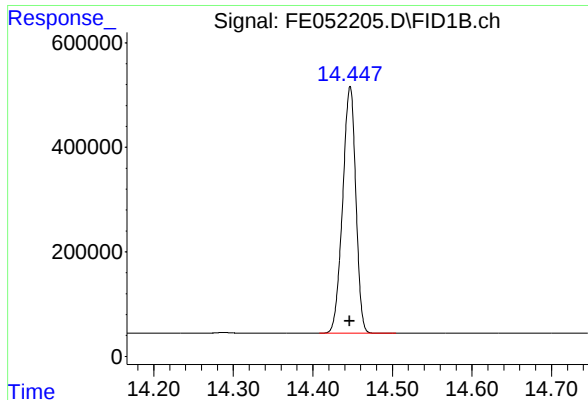
#11 n-Heneicosane (C21)

R.T.: 13.862 min
Delta R.T.: 0.000 min
Response: 5401448
Conc: 49.55 ug/ml



#12 1-chlorooctadecane (SURR)

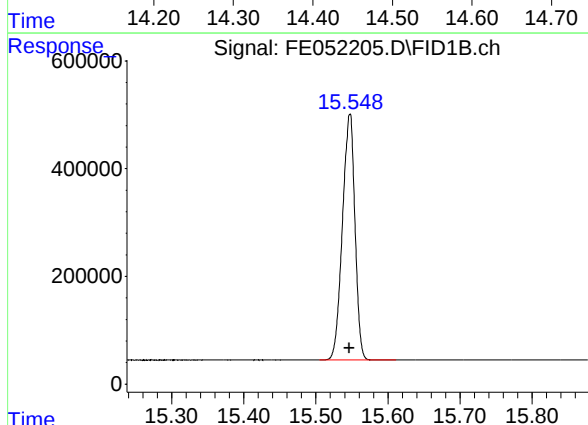
R.T.: 13.700 min
Delta R.T.: 0.000 min
Response: 4747770
Conc: 49.59 ug/ml



#13 n-Docosane (C22)

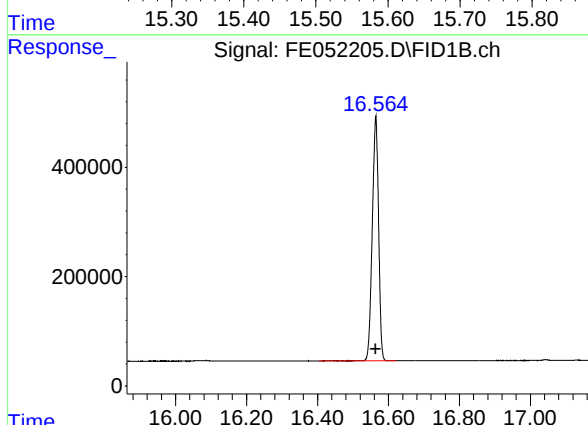
R.T.: 14.447 min
Delta R.T.: 0.000 min
Response: 5433041
Conc: 49.57 ug/ml

Instrument :
FID_E
ClientSampleId :
50 PPM ALIPHATIC HC STD2



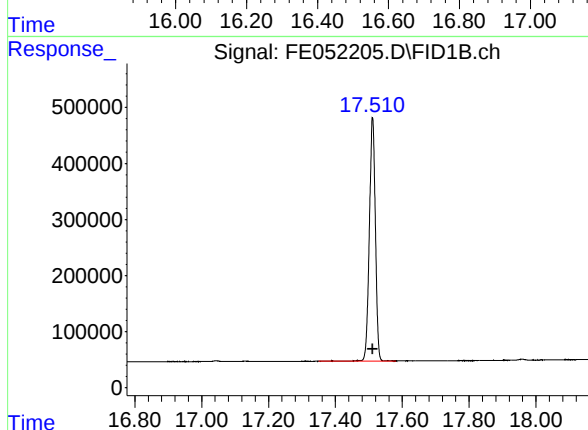
#14 n-Tetracosane (C24)

R.T.: 15.547 min
Delta R.T.: 0.000 min
Response: 5516574
Conc: 49.53 ug/ml



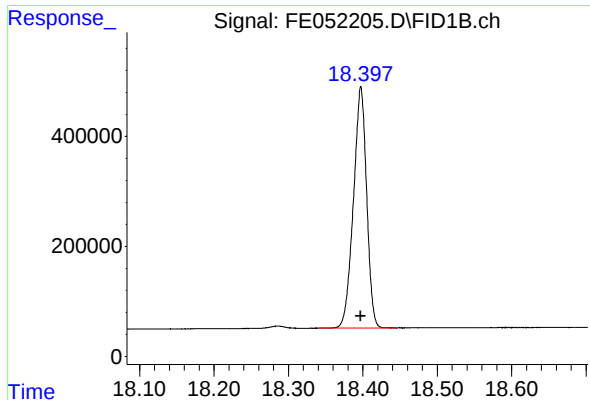
#15 n-Hexacosane (C26)

R.T.: 16.564 min
Delta R.T.: 0.000 min
Response: 5505166
Conc: 49.58 ug/ml



#16 n-Octacosane (C28)

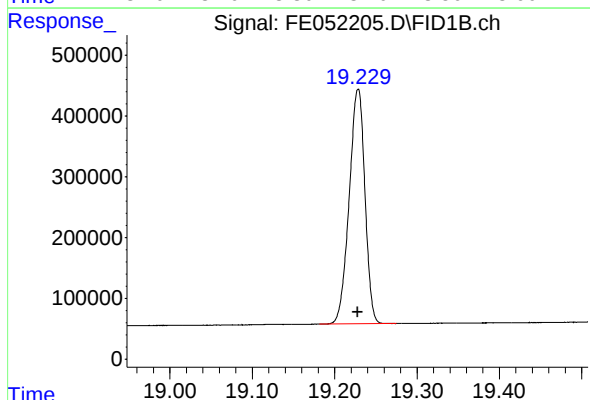
R.T.: 17.511 min
Delta R.T.: 0.000 min
Response: 5417535
Conc: 49.59 ug/ml



#17 n-Tricontane (C30)

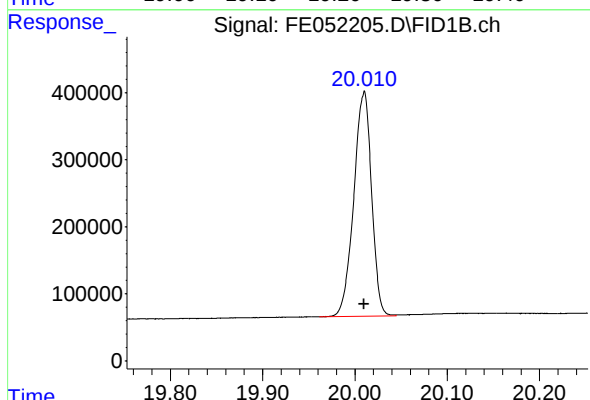
R.T.: 18.397 min
Delta R.T.: 0.000 min
Response: 5406612
Conc: 49.43 ug/ml

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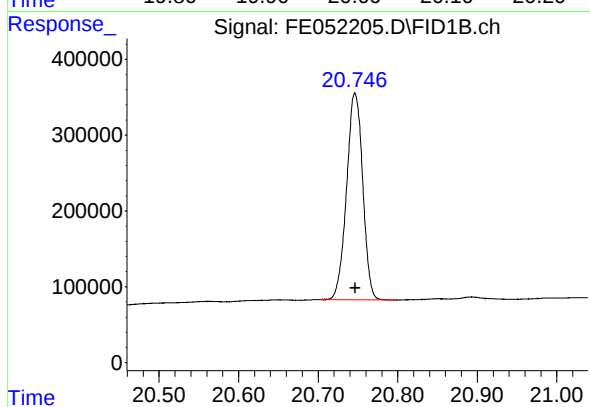
#18 n-Dotriacontane (C32)

R.T.: 19.228 min
Delta R.T.: 0.000 min
Response: 5123574
Conc: 49.29 ug/ml



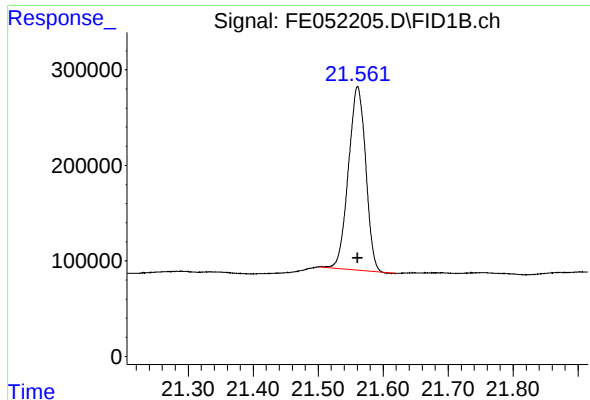
#19 n-Tetratriacontane (C34)

R.T.: 20.010 min
Delta R.T.: 0.000 min
Response: 4482520
Conc: 49.38 ug/ml



#20 n-Hexatriacontane (C36)

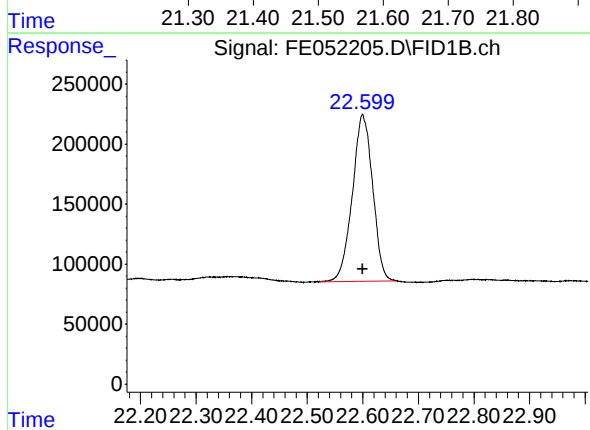
R.T.: 20.747 min
Delta R.T.: 0.000 min
Response: 3850881
Conc: 48.88 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.561 min
Delta R.T.: 0.000 min
Response: 3526461
Conc: 49.06 ug/ml

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FID_E
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50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 22.600 min
Delta R.T.: 0.000 min
Response: 3521284
Conc: 49.39 ug/ml