

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
 Data File : FE047858.D
 Signal(s) : FID1B.ch
 Acq On : 29 Apr 2024 13:50
 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: Apr 30 01:50:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.973	2884704	19.996 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
12) S 1-chlorooctadecane (S...	13.407	2223969	19.903 ug/ml
Spiked Amount 50.000		Recovery =	39.81%
Target Compounds			
1) T n-Nonane (C9)	3.353	2628972	20.399 ug/ml
2) T n-Decane (C10)	4.606	2669009	20.273 ug/ml
3) T A~Naphthalene (C11.7)	6.314	2803600	20.304 ug/ml
4) T n-Dodecane (C12)	6.772	2674819	20.064 ug/ml
5) T A~2-methylnaphthalene...	7.410	2691328	20.224 ug/ml
6) T n-Tetradecane (C14)	8.600	2649416	19.992 ug/ml
7) T n-Hexadecane (C16)	10.209	2741349	19.932 ug/ml
8) T n-Octadecane (C18)	11.652	2775800	19.927 ug/ml
10) T n-Eicosane (C20)	12.961	2677210	19.884 ug/ml
11) T n-Heneicosane (C21)	13.573	2632933	19.890 ug/ml
13) T n-Docosane (C22)	14.159	2616394	19.743 ug/ml
14) T n-Tetracosane (C24)	15.261	2610488	19.605 ug/ml
15) T n-Hexacosane (C26)	16.281	2586849	19.385 ug/ml
16) T n-Octacosane (C28)	17.230	2554663	19.187 ug/ml
17) T n-Tricontane (C30)	18.118	2604753	18.873 ug/ml
18) T n-Dotriacontane (C32)	18.949	2600498	18.827 ug/ml
19) T n-Tetratriacontane (C34)	19.731	2618248	19.220 ug/ml
20) T n-Hexatriacontane (C36)	20.471	2622053	19.365 ug/ml
21) T n-Octatriacontane (C38)	21.213	2672854	19.359 ug/ml
22) T n-Tetracontane (C40)	22.139	2647408	19.002 ug/ml

(f)=RT Delta > 1/2 Window

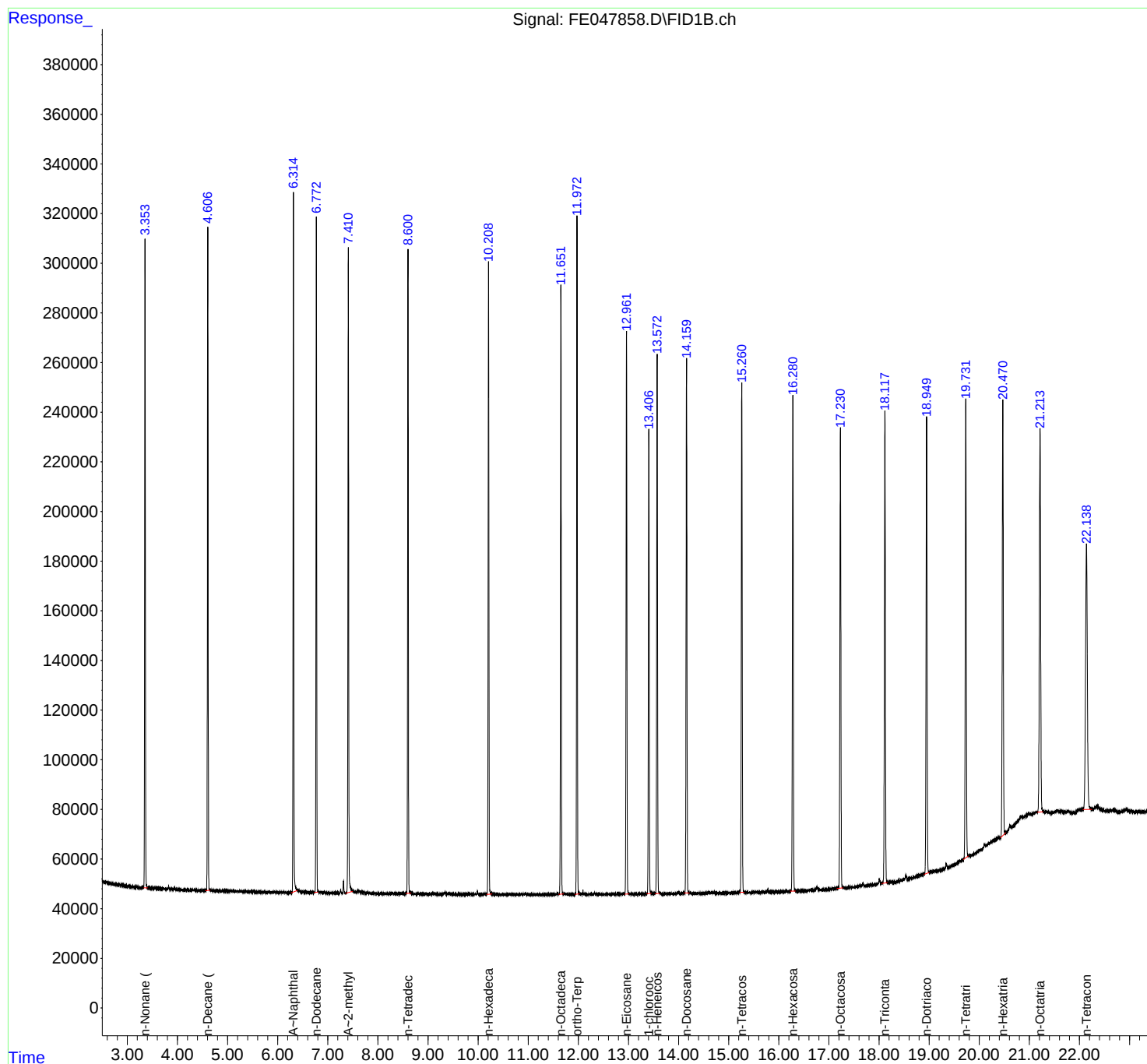
(m)=manual int.

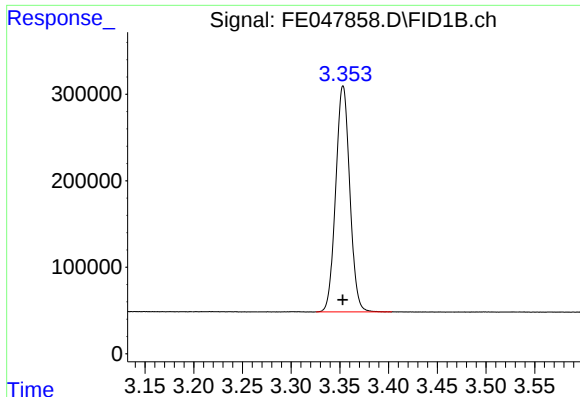
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042924AL\
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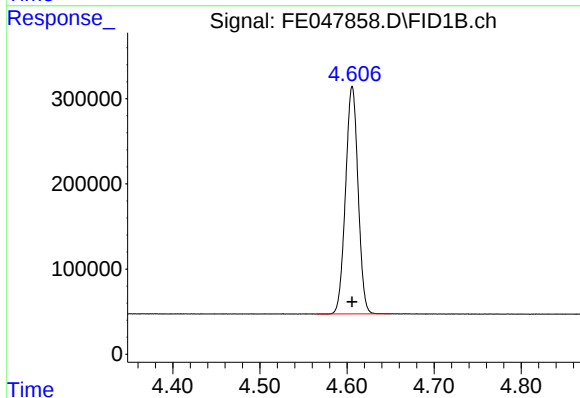




#1 n-Nonane (C9)

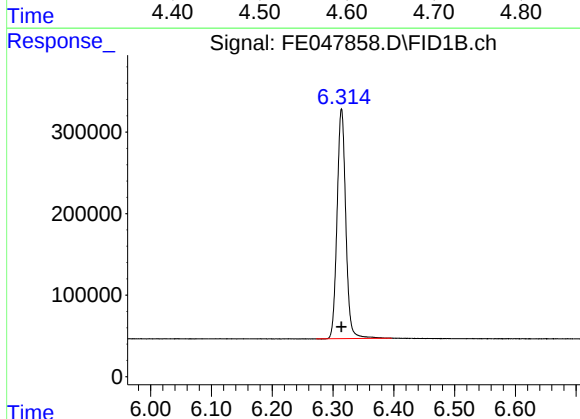
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2628972
Conc: 20.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



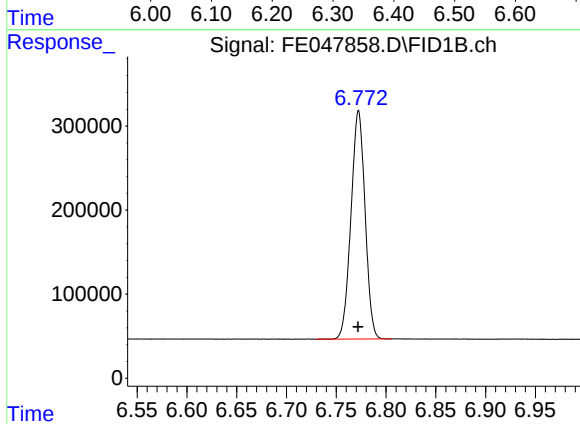
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.000 min
Response: 2669009
Conc: 20.27 ug/ml



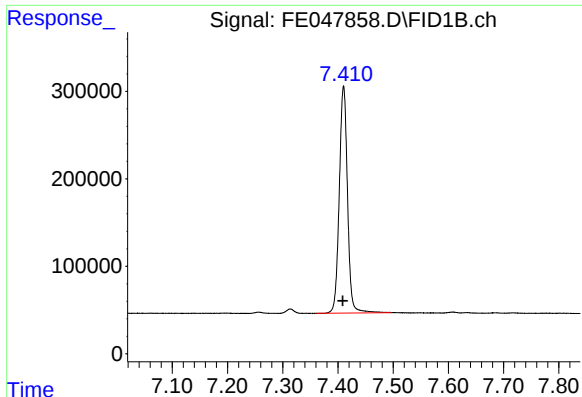
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.000 min
Response: 2803600
Conc: 20.30 ug/ml



#4 n-Dodecane (C12)

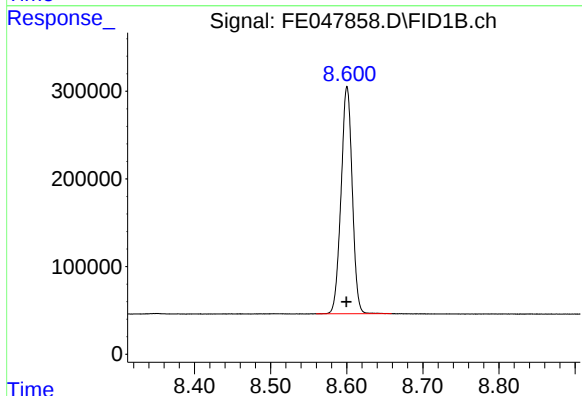
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 2674819
Conc: 20.06 ug/ml



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

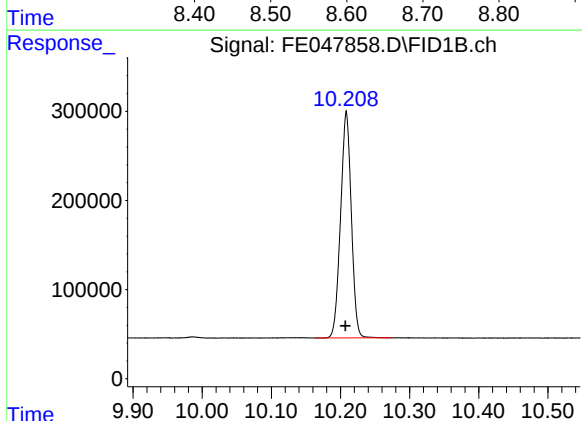
R.T.: 7.410 min
Delta R.T.: 0.001 min
Response: 2691328
Conc: 20.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



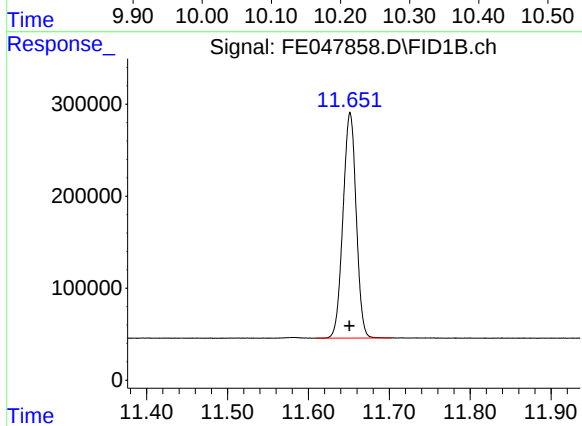
#6 n-Tetradecane (C14)

R.T.: 8.600 min
Delta R.T.: 0.001 min
Response: 2649416
Conc: 19.99 ug/ml



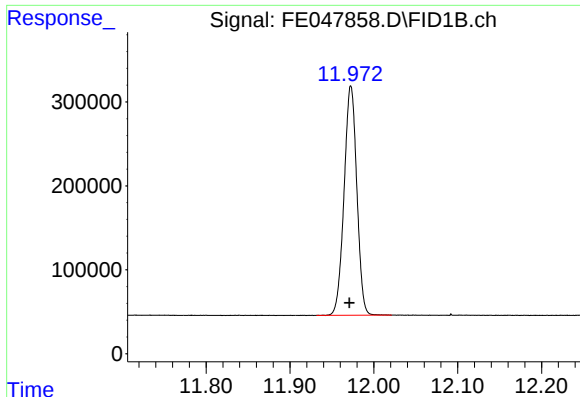
#7 n-Hexadecane (C16)

R.T.: 10.209 min
Delta R.T.: 0.002 min
Response: 2741349
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

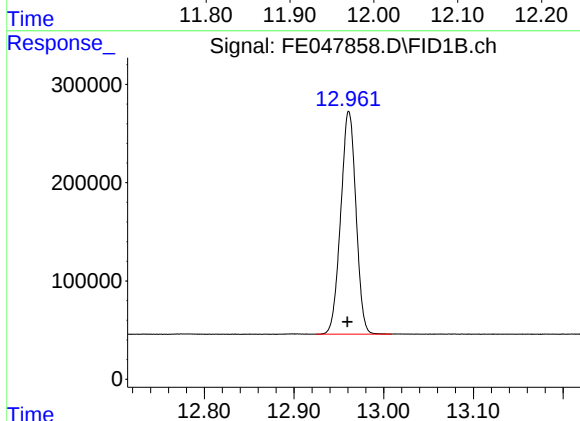
R.T.: 11.652 min
Delta R.T.: 0.001 min
Response: 2775800
Conc: 19.93 ug/ml



#9 ortho-Terphenyl (SURR)

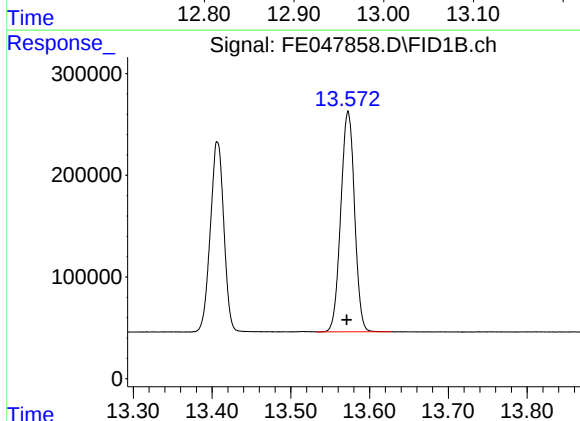
R.T.: 11.973 min
Delta R.T.: 0.002 min
Response: 2884704
Conc: 20.00 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



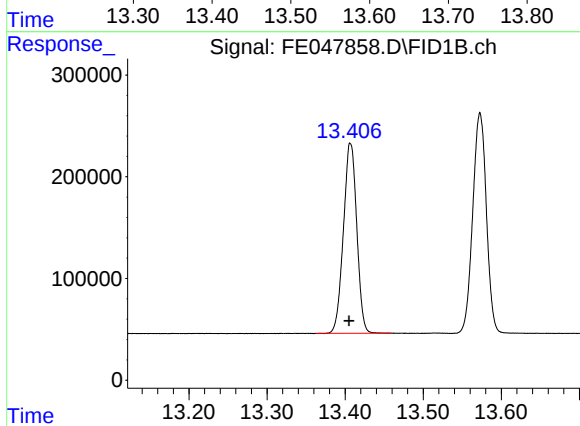
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.002 min
Response: 2677210
Conc: 19.88 ug/ml



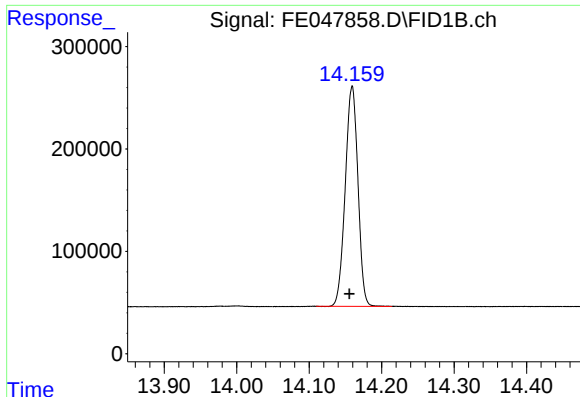
#11 n-Heneicosane (C21)

R.T.: 13.573 min
Delta R.T.: 0.002 min
Response: 2632933
Conc: 19.89 ug/ml



#12 1-chlorooctadecane (SURR)

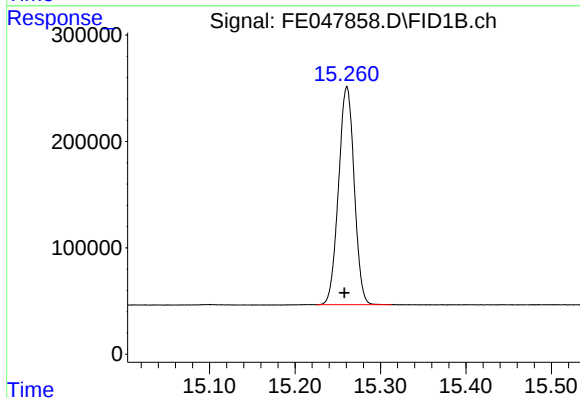
R.T.: 13.407 min
Delta R.T.: 0.002 min
Response: 2223969
Conc: 19.90 ug/ml



#13 n-Docosane (C22)

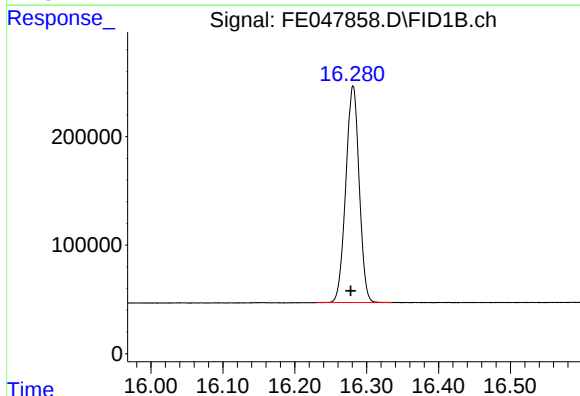
R.T.: 14.159 min
Delta R.T.: 0.004 min
Response: 2616394
Conc: 19.74 ug/ml

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20 PPM ALIPHATIC HC STD



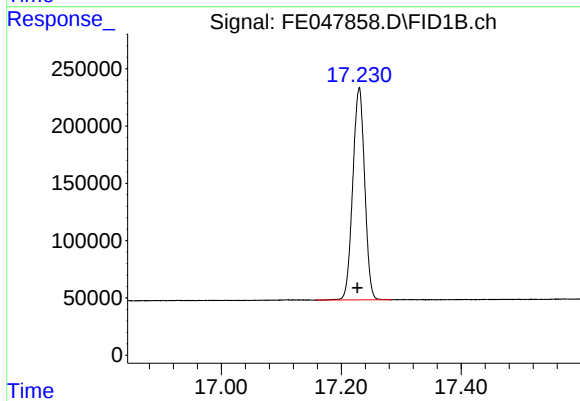
#14 n-Tetracosane (C24)

R.T.: 15.261 min
Delta R.T.: 0.003 min
Response: 2610488
Conc: 19.61 ug/ml



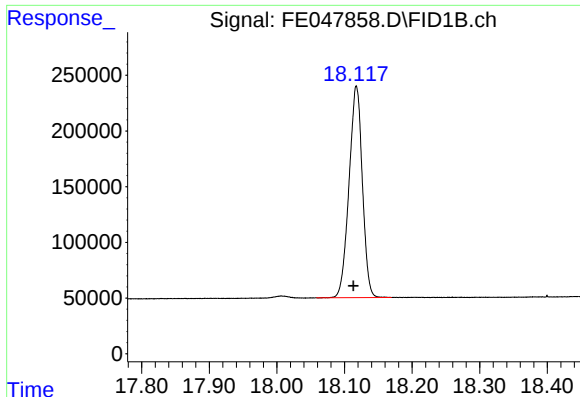
#15 n-Hexacosane (C26)

R.T.: 16.281 min
Delta R.T.: 0.003 min
Response: 2586849
Conc: 19.39 ug/ml



#16 n-Octacosane (C28)

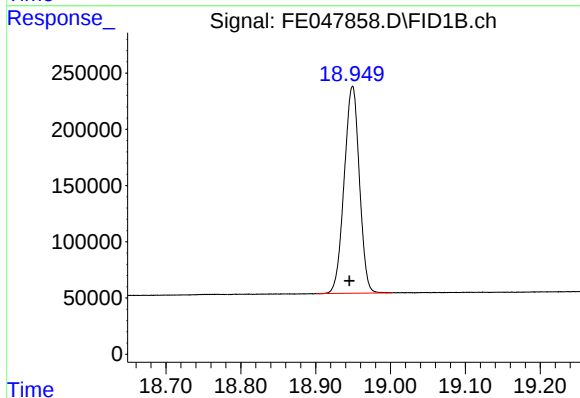
R.T.: 17.230 min
Delta R.T.: 0.003 min
Response: 2554663
Conc: 19.19 ug/ml



#17 n-Tricontane (C30)

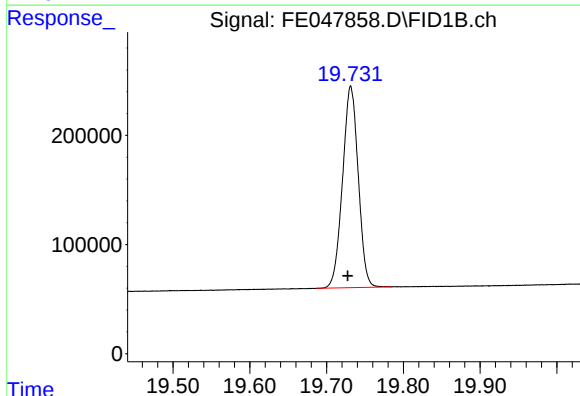
R.T.: 18.118 min
Delta R.T.: 0.004 min
Response: 2604753
Conc: 18.87 ug/ml

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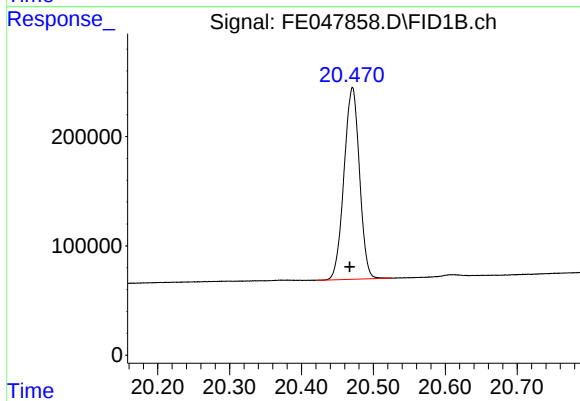
#18 n-Dotriacontane (C32)

R.T.: 18.949 min
Delta R.T.: 0.004 min
Response: 2600498
Conc: 18.83 ug/ml



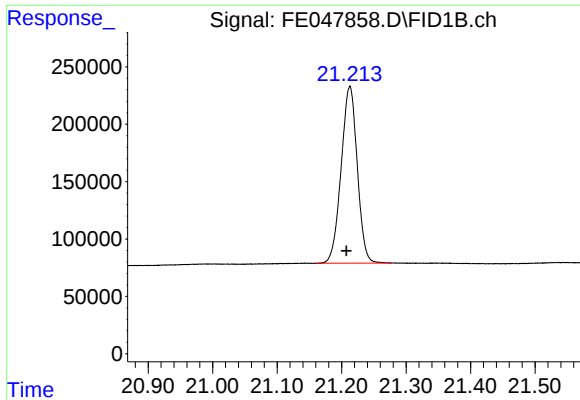
#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.004 min
Response: 2618248
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

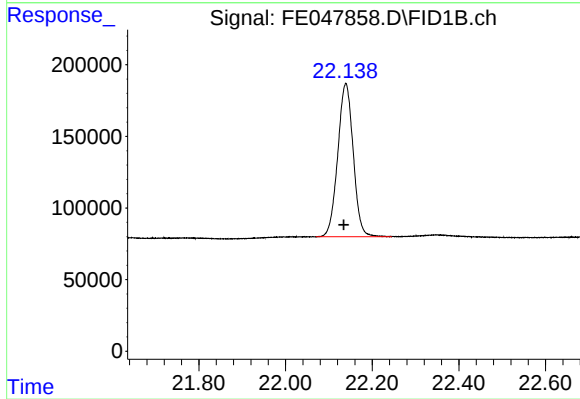
R.T.: 20.471 min
Delta R.T.: 0.004 min
Response: 2622053
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.213 min
Delta R.T.: 0.005 min
Response: 2672854
Conc: 19.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.139 min
Delta R.T.: 0.005 min
Response: 2647408
Conc: 19.00 ug/ml