

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052412.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 19:04
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 20 00:21:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 Qlast Update : Fri Feb 14 00:50:00 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)	11.919	3424468	18.319 ug/ml
Spiked Amount 50.000		Recovery =	36.64%
12) S 1-chlorooctadecane (S...	13.365	2517482	18.112 ug/ml
Spiked Amount 50.000		Recovery =	36.22%
Target Compounds			
1) T n-Nonane (C9)	3.256	3045103	19.838 ug/ml
2) T n-Decane (C10)	4.518	3093014	19.803 ug/ml
3) T A~Naphthalene (C11.7)	6.231	3421173	19.802 ug/ml
4) T n-Dodecane (C12)	6.700	3087099	19.558 ug/ml
5) T A~2-methylnaphthalene...	7.334	3296186	19.626 ug/ml
6) T n-Tetradecane (C14)	8.537	3013419	19.131 ug/ml
7) T n-Hexadecane (C16)	10.153	3058307	18.712 ug/ml
8) T n-Octadecane (C18)	11.603	3045839	18.408 ug/ml
10) T n-Eicosane (C20)	12.919	2900343	18.193 ug/ml
11) T n-Heneicosane (C21)	13.533	2844076	18.153 ug/ml
13) T n-Docosane (C22)	14.122	2819787	18.018 ug/ml
14) T n-Tetracosane (C24)	15.230	2797310	17.787 ug/ml
15) T n-Hexacosane (C26)	16.254	2736292	17.666 ug/ml
16) T n-Octacosane (C28)	17.207	2685876	17.559 ug/ml
17) T n-Tricontane (C30)	18.097	2704886	17.328 ug/ml
18) T n-Dotriacontane (C32)	18.932	2615393	17.092 ug/ml
19) T n-Tetratriacontane (C34)	19.718	2407215	16.921 ug/ml
20) T n-Hexatriacontane (C36)	20.459	2086932	16.744 ug/ml
21) T n-Octatriacontane (C38)	21.203	2042001	18.682 ug/ml
22) T n-Tetracontane (C40)	22.127	2087620	20.754 ug/ml

(f)=RT Delta > 1/2 Window

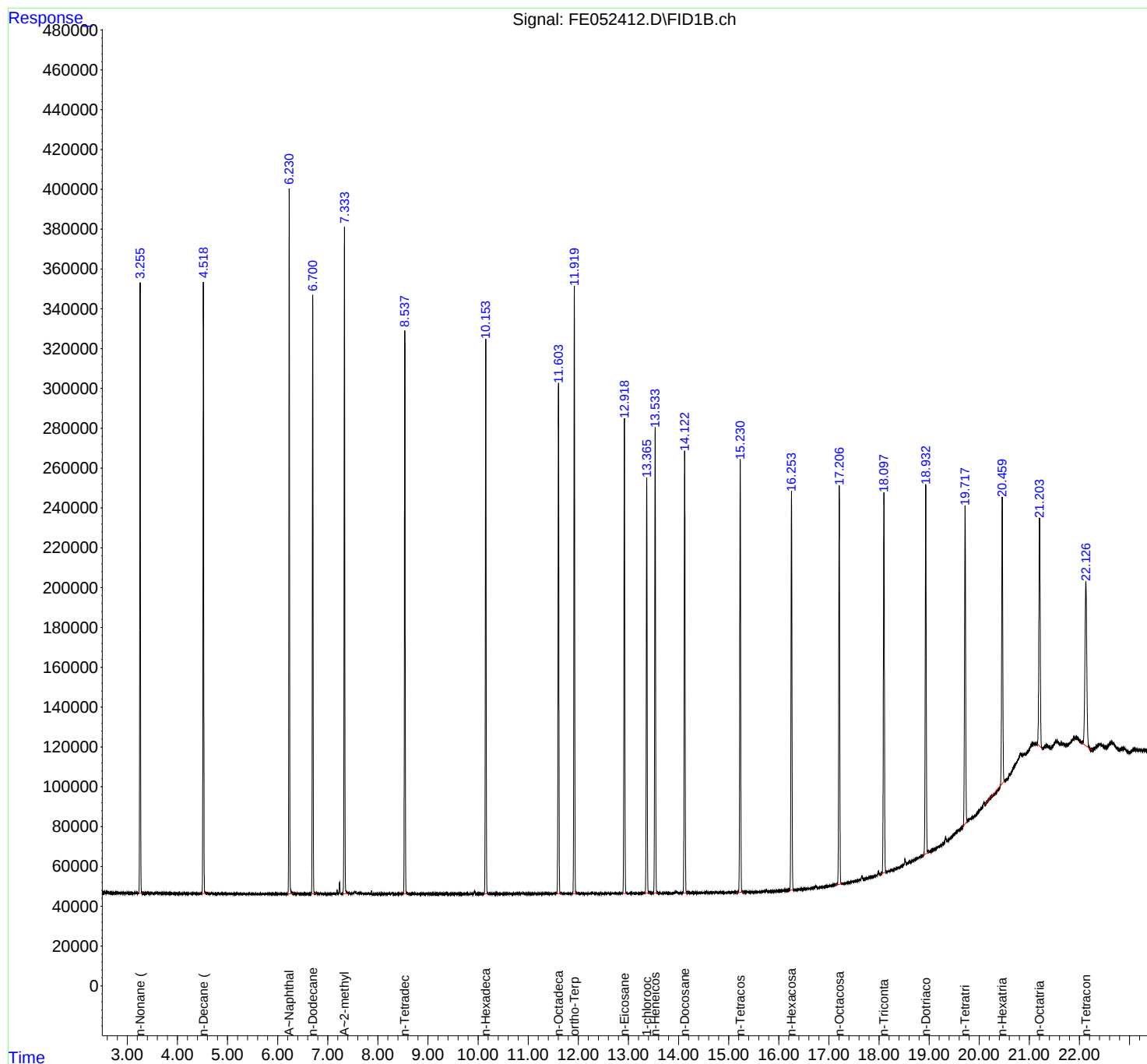
(m)=manual int.

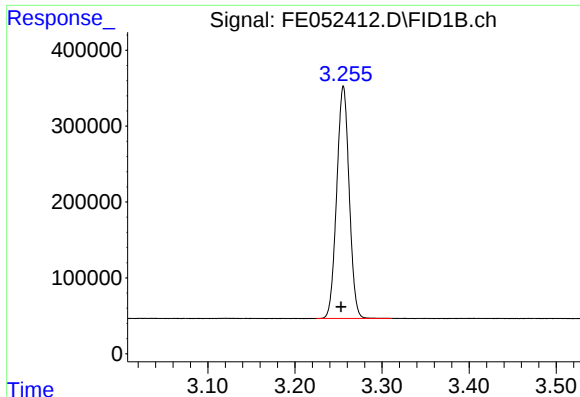
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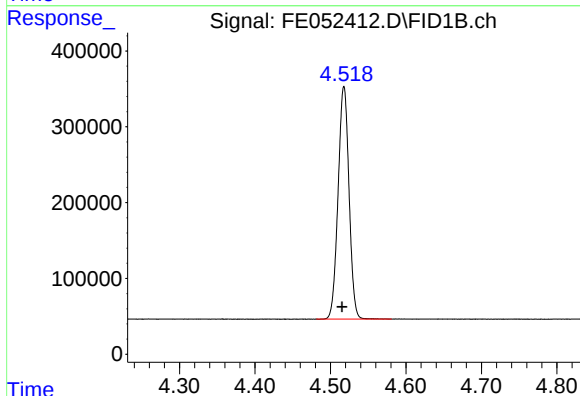




#1 n-Nonane (C9)

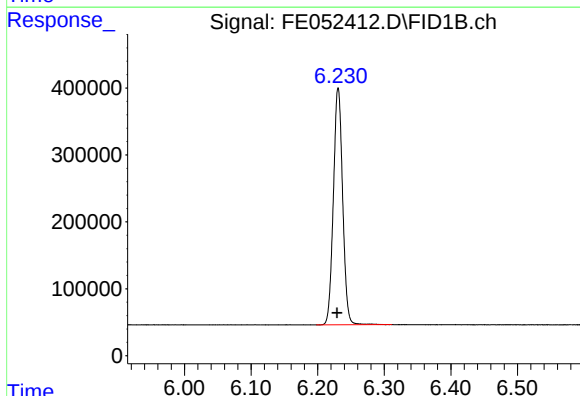
R.T.: 3.256 min
Delta R.T.: 0.003 min
Response: 3045103
Conc: 19.84 ug/ml

Instrument :
FID_E
ClientSampleId :



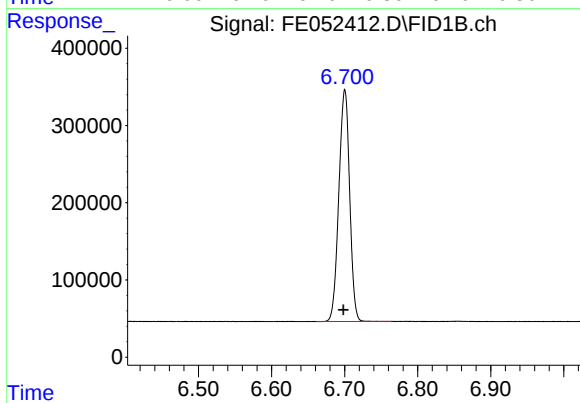
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.002 min
Response: 3093014
Conc: 19.80 ug/ml



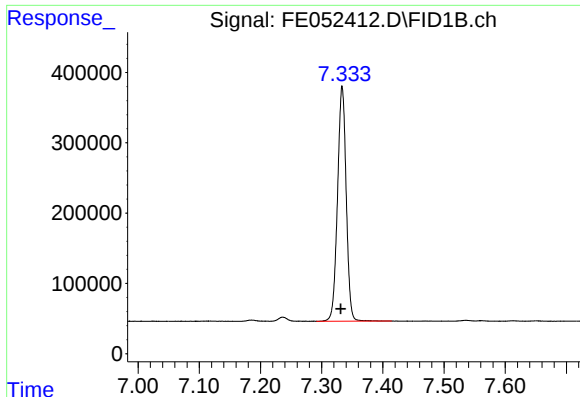
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: 0.002 min
Response: 3421173
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

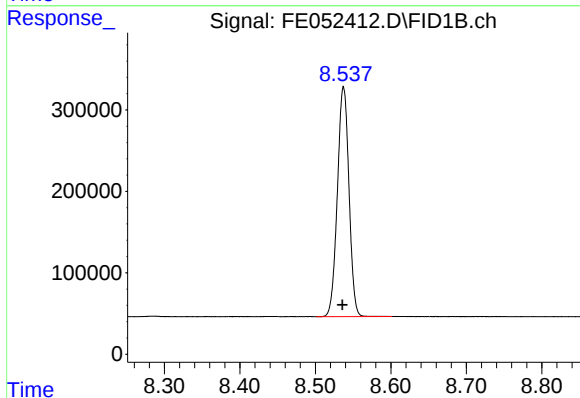
R.T.: 6.700 min
Delta R.T.: 0.002 min
Response: 3087099
Conc: 19.56 ug/ml



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

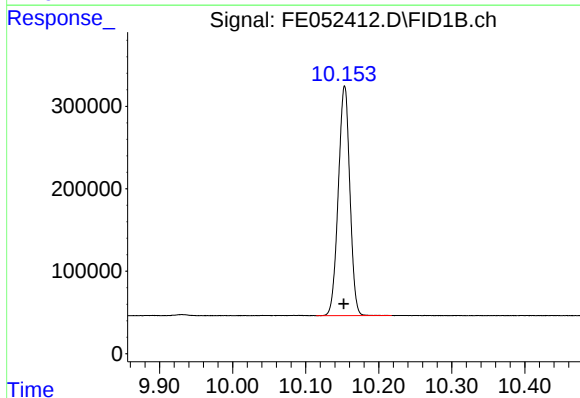
R.T.: 7.334 min
Delta R.T.: 0.002 min
Response: 3296186
Conc: 19.63 ug/ml

Instrument :
FID_E
ClientSampleId :



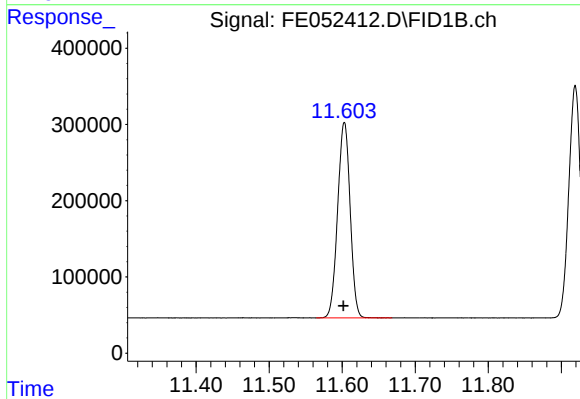
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.001 min
Response: 3013419
Conc: 19.13 ug/ml



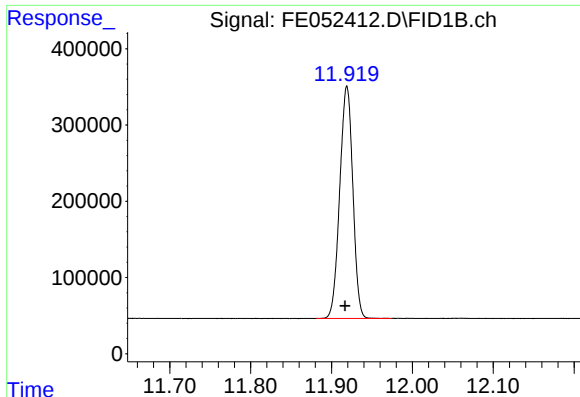
#7 n-Hexadecane (C16)

R.T.: 10.153 min
Delta R.T.: 0.001 min
Response: 3058307
Conc: 18.71 ug/ml



#8 n-Octadecane (C18)

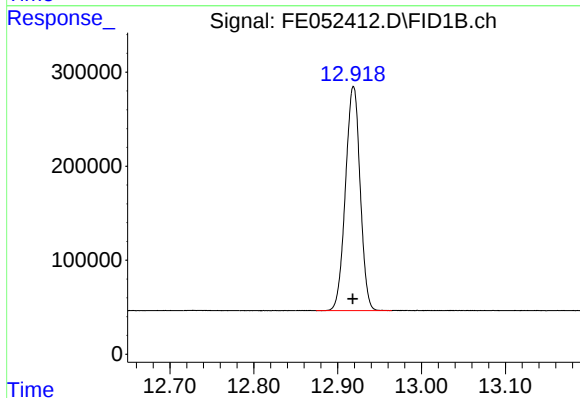
R.T.: 11.603 min
Delta R.T.: 0.001 min
Response: 3045839
Conc: 18.41 ug/ml



#9 ortho-Terphenyl (SURR)

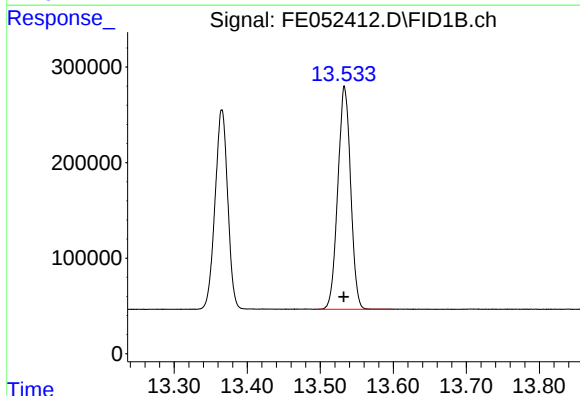
R.T.: 11.919 min
Delta R.T.: 0.002 min
Response: 3424468
Conc: 18.32 ug/ml

Instrument :
FID_E
ClientSampleId :



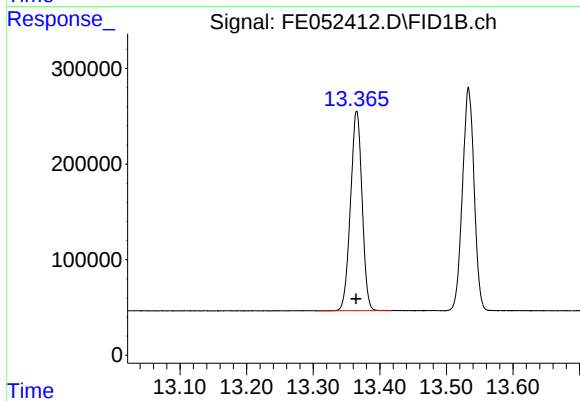
#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: 0.000 min
Response: 2900343
Conc: 18.19 ug/ml



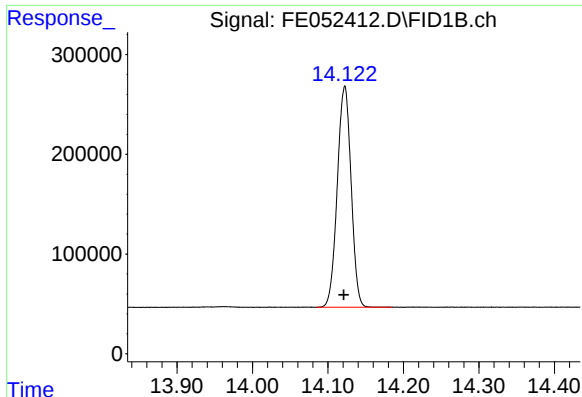
#11 n-Heneicosane (C21)

R.T.: 13.533 min
Delta R.T.: 0.001 min
Response: 2844076
Conc: 18.15 ug/ml



#12 1-chlorooctadecane (SURR)

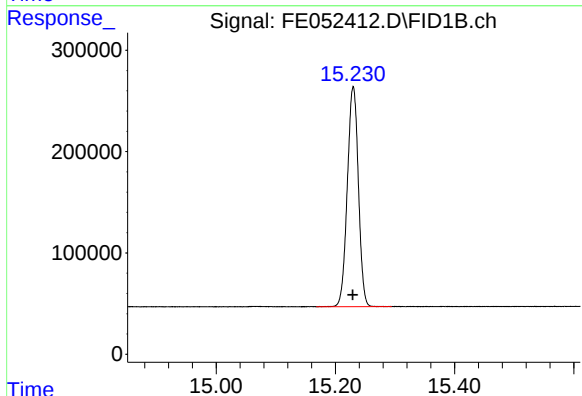
R.T.: 13.365 min
Delta R.T.: 0.001 min
Response: 2517482
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

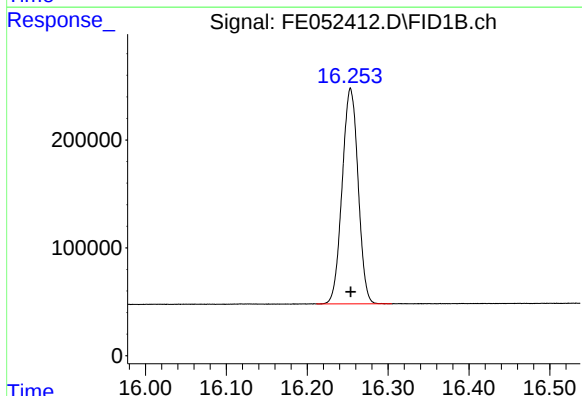
R.T.: 14.122 min
Delta R.T.: 0.000 min
Response: 2819787
Conc: 18.02 ug/ml

Instrument :
FID_E
ClientSampleId :



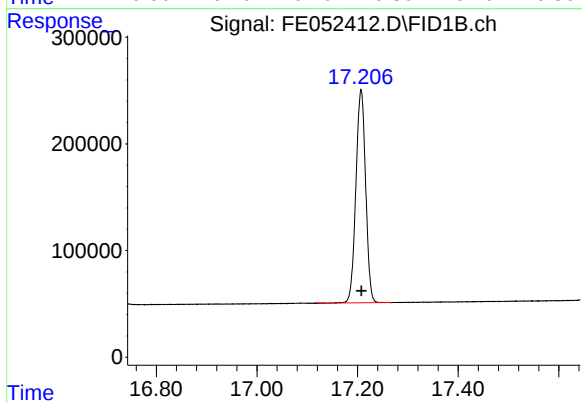
#14 n-Tetracosane (C24)

R.T.: 15.230 min
Delta R.T.: 0.000 min
Response: 2797310
Conc: 17.79 ug/ml



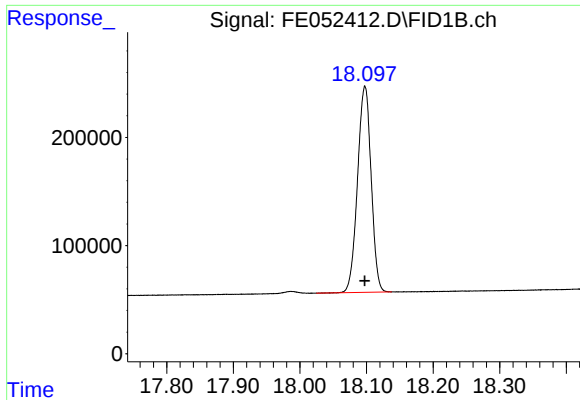
#15 n-Hexacosane (C26)

R.T.: 16.254 min
Delta R.T.: 0.000 min
Response: 2736292
Conc: 17.67 ug/ml



#16 n-Octacosane (C28)

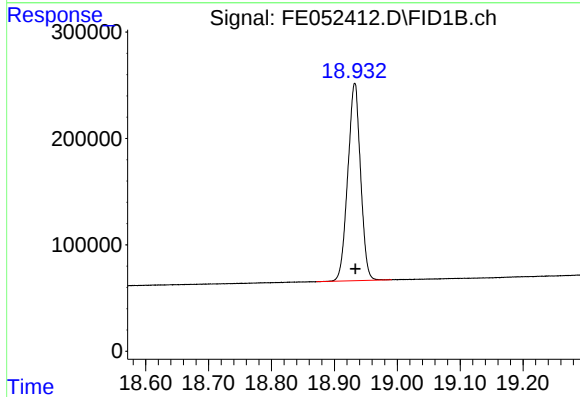
R.T.: 17.207 min
Delta R.T.: 0.000 min
Response: 2685876
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

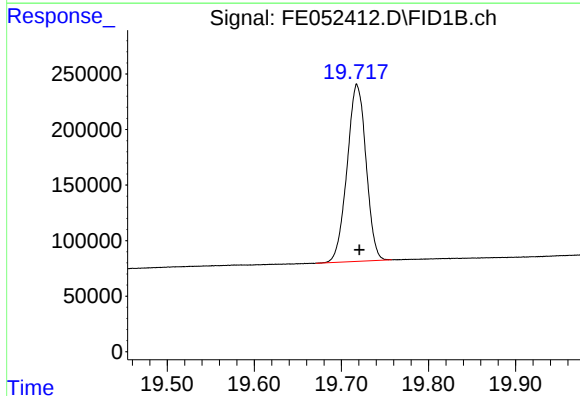
R.T.: 18.097 min
Delta R.T.: 0.000 min
Response: 2704886
Conc: 17.33 ug/ml

Instrument :
FID_E
ClientSampleId :



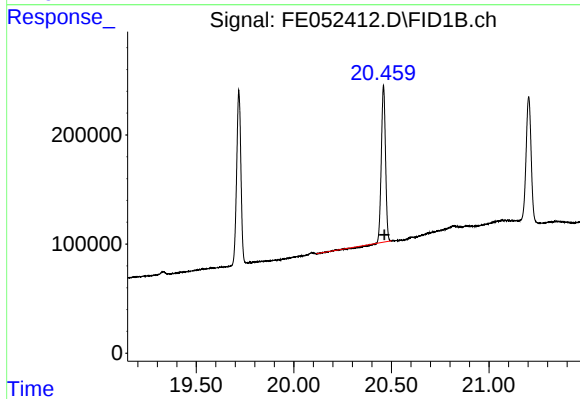
#18 n-Dotriacontane (C32)

R.T.: 18.932 min
Delta R.T.: -0.001 min
Response: 2615393
Conc: 17.09 ug/ml



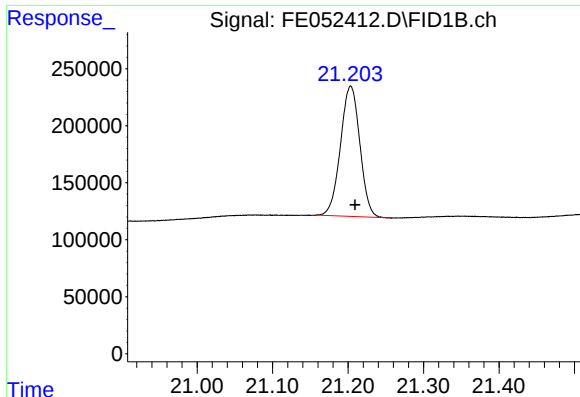
#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.002 min
Response: 2407215
Conc: 16.92 ug/ml



#20 n-Hexatriacontane (C36)

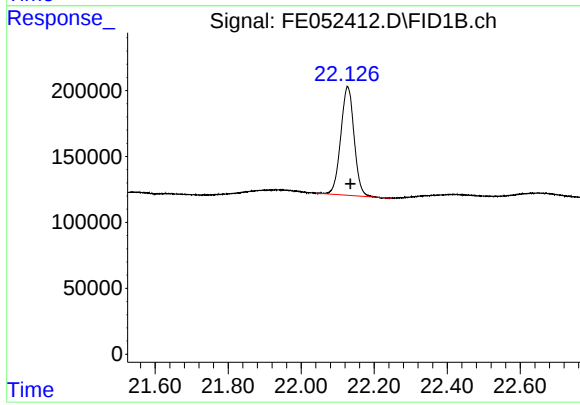
R.T.: 20.459 min
Delta R.T.: -0.004 min
Response: 2086932
Conc: 16.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.006 min
Response: 2042001
Conc: 18.68 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.127 min
Delta R.T.: -0.008 min
Response: 2087620
Conc: 20.75 ug/ml