

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060823AL\
 Data File : FE042515.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jun 2023 00:34
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 09 02:13:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 2023
 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)	11.945	3210320	18.181 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	13.382	2370129	17.837 ug/ml
Spiked Amount 50.000		Recovery =	35.67%
Target Compounds			
1) T n-Nonane (C9)	3.324	2726144	18.906 ug/ml
2) T n-Decane (C10)	4.576	2829022	19.110 ug/ml
3) T A~Naphthalene (C11.7)	6.285	3027868	18.558 ug/ml
4) T n-Dodecane (C12)	6.745	2861848	19.085 ug/ml
5) T A~2-methylnaphthalene...	7.382	2898276	18.262 ug/ml
6) T n-Tetradecane (C14)	8.574	2837923	18.944 ug/ml
7) T n-Hexadecane (C16)	10.182	2937457	18.858 ug/ml
8) T n-Octadecane (C18)	11.626	2946559	18.633 ug/ml
10) T n-Eicosane (C20)	12.936	2789625	18.403 ug/ml
11) T n-Heneicosane (C21)	13.549	2705038	18.258 ug/ml
13) T n-Docosane (C22)	14.135	2691400	18.359 ug/ml
14) T n-Tetracosane (C24)	15.237	2615900	18.121 ug/ml
15) T n-Hexacosane (C26)	16.259	2581049	18.636 ug/ml
16) T n-Octacosane (C28)	17.209	2626026	19.614 ug/ml
17) T n-Tricontane (C30)	18.098	2896687	21.458 ug/ml
18) T n-Dotriacontane (C32)	18.929	2975334	22.272 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2820156	21.444 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2696505	20.747 ug/ml
21) T n-Octatriacontane (C38)	21.203	2688294	19.815 ug/ml
22) T n-Tetracontane (C40)	22.131	2665352	19.159 ug/ml

(f)=RT Delta > 1/2 Window

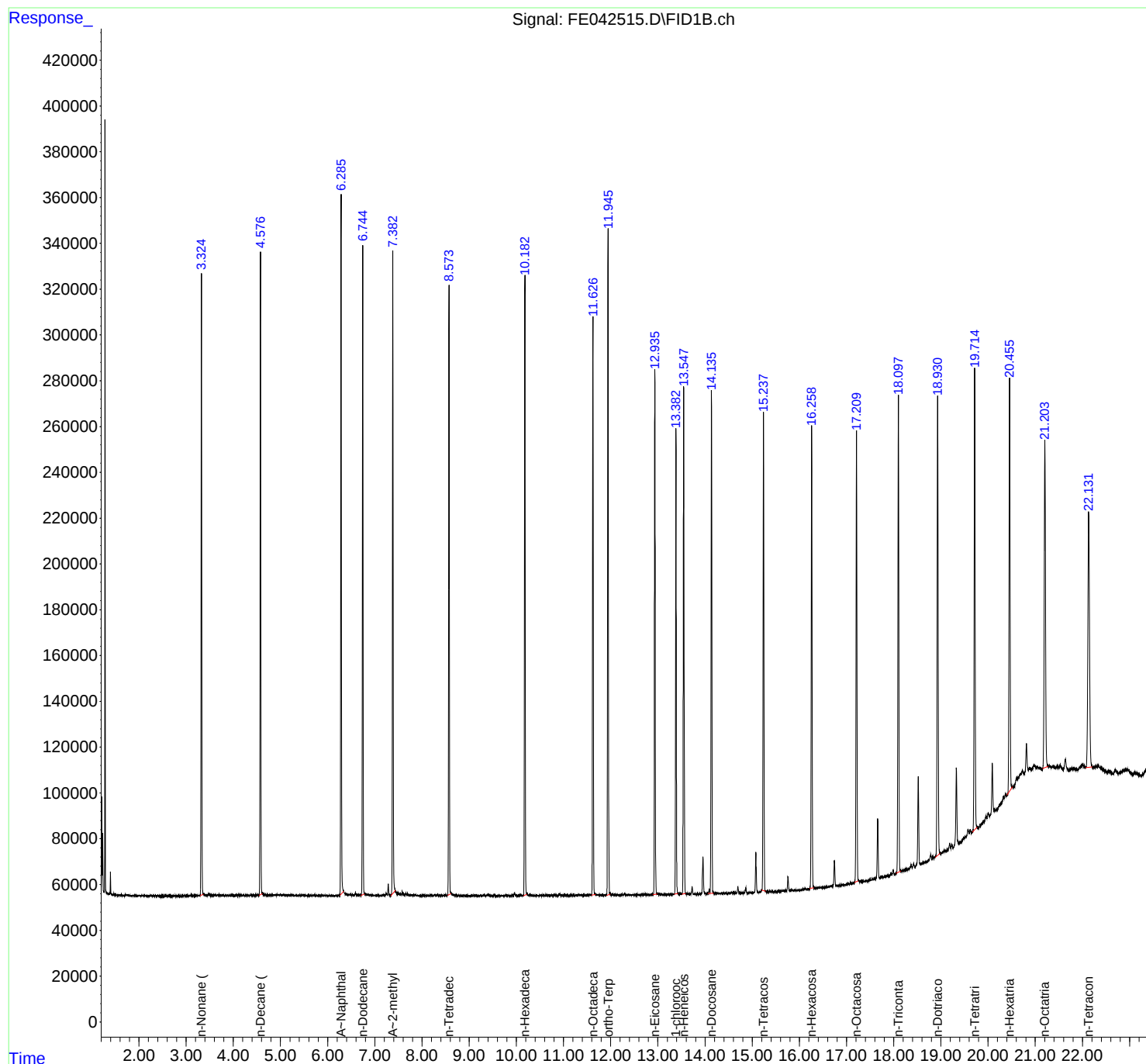
(m)=manual int.

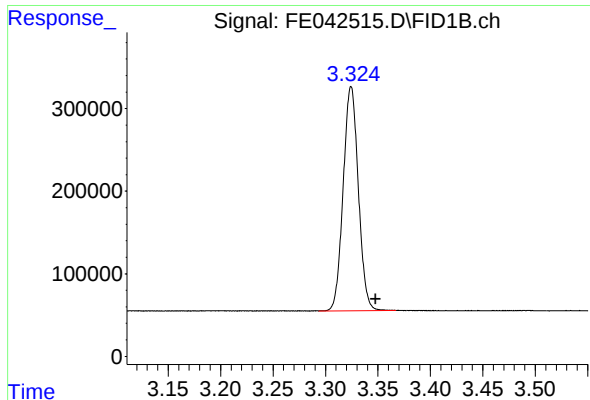
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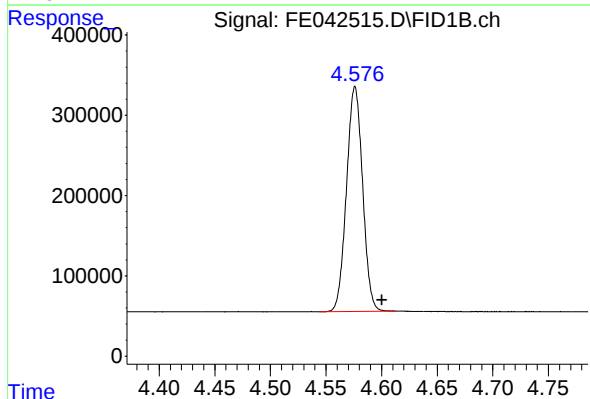




#1 n-Nonane (C9)

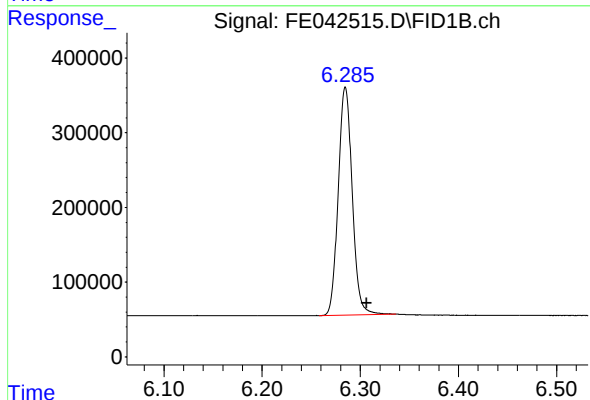
R.T.: 3.324 min
Delta R.T.: -0.024 min
Response: 2726144
Conc: 18.91 ug/ml

Instrument :
FID_E
ClientSampleId :



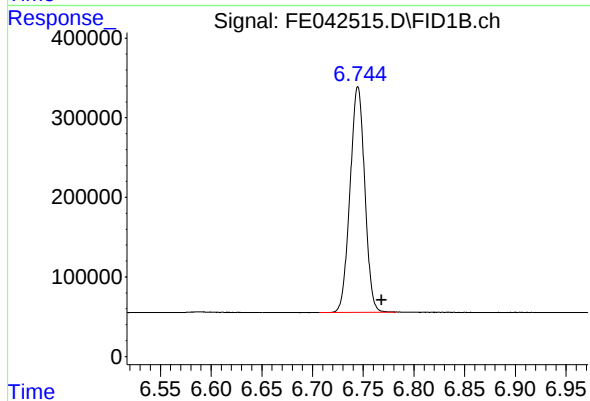
#2 n-Decane (C10)

R.T.: 4.576 min
Delta R.T.: -0.024 min
Response: 2829022
Conc: 19.11 ug/ml



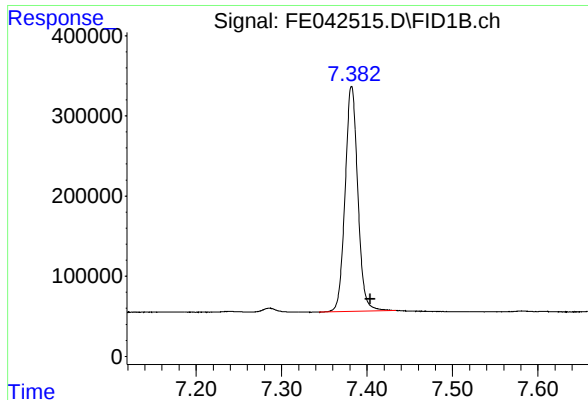
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: -0.022 min
Response: 3027868
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

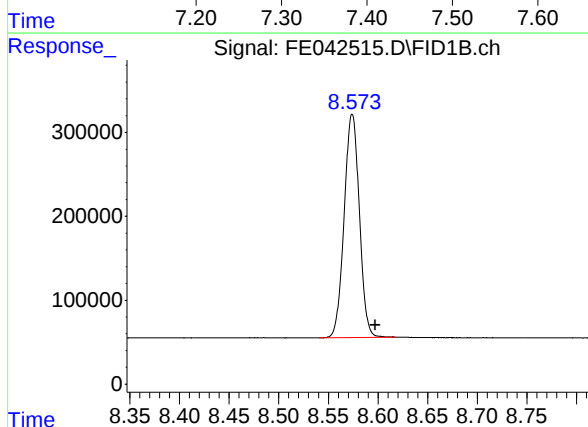
R.T.: 6.745 min
Delta R.T.: -0.023 min
Response: 2861848
Conc: 19.08 ug/ml



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

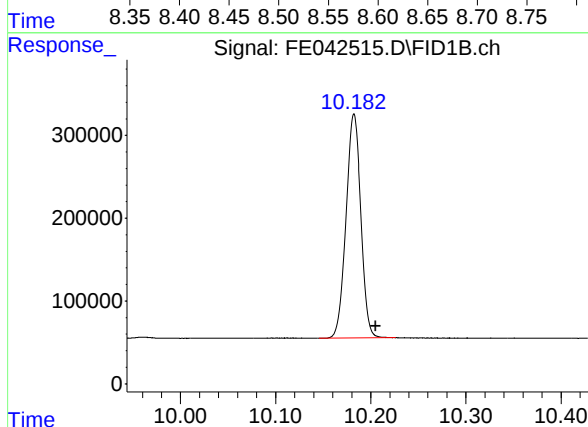
R.T.: 7.382 min
Delta R.T.: -0.022 min
Response: 2898276
Conc: 18.26 ug/ml

Instrument :
FID_E
ClientSampleId :



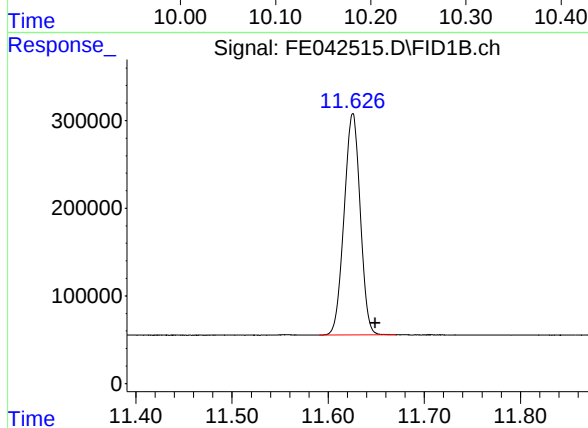
#6 n-Tetradecane (C14)

R.T.: 8.574 min
Delta R.T.: -0.023 min
Response: 2837923
Conc: 18.94 ug/ml



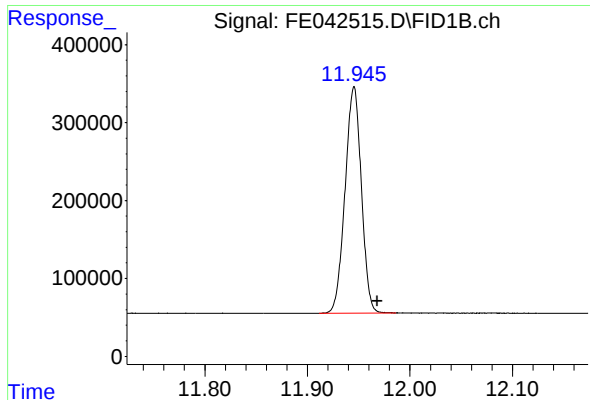
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: -0.023 min
Response: 2937457
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

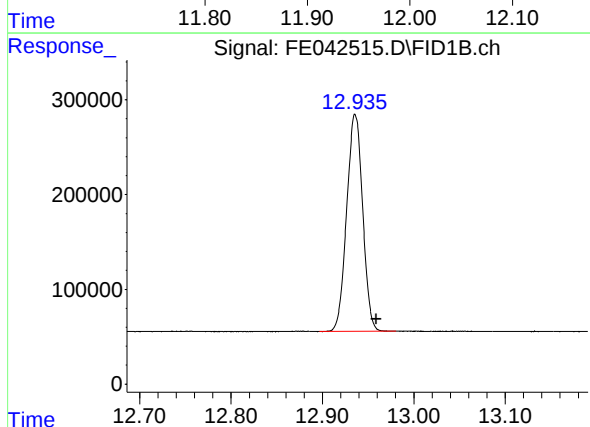
R.T.: 11.626 min
Delta R.T.: -0.023 min
Response: 2946559
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

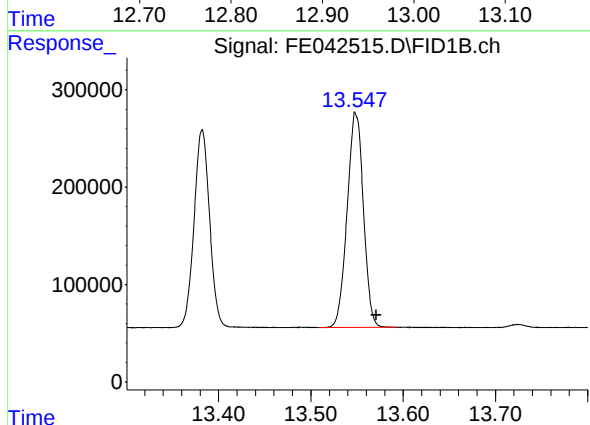
R.T.: 11.945 min
Delta R.T.: -0.023 min
Response: 3210320
Conc: 18.18 ug/ml

Instrument :
FID_E
ClientSampleId :



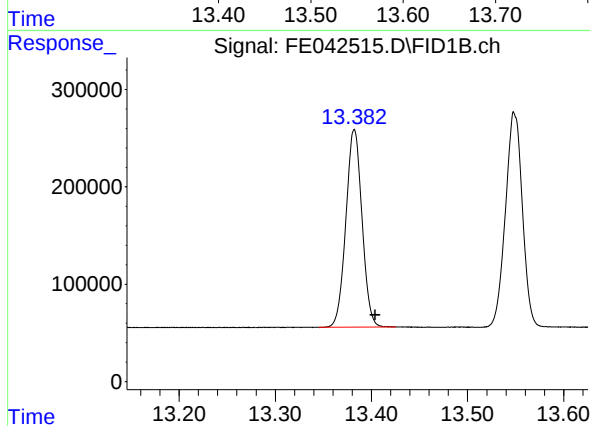
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: -0.023 min
Response: 2789625
Conc: 18.40 ug/ml



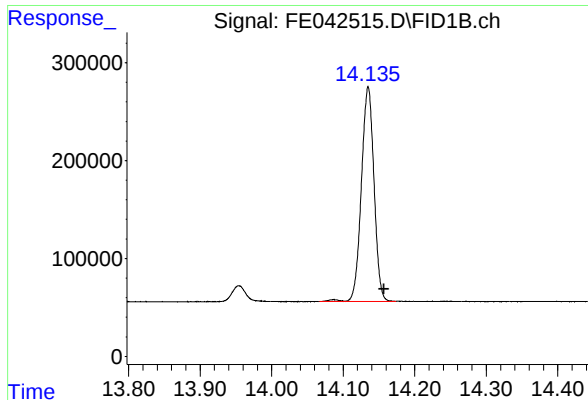
#11 n-Heneicosane (C21)

R.T.: 13.549 min
Delta R.T.: -0.022 min
Response: 2705038
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

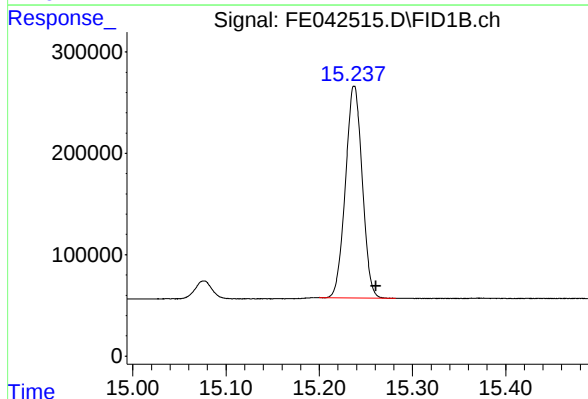
R.T.: 13.382 min
Delta R.T.: -0.022 min
Response: 2370129
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

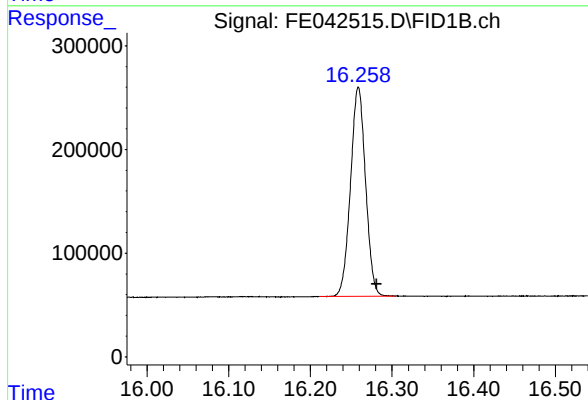
R.T.: 14.135 min
Delta R.T.: -0.022 min
Response: 2691400
Conc: 18.36 ug/ml

Instrument :
FID_E
ClientSampleId :



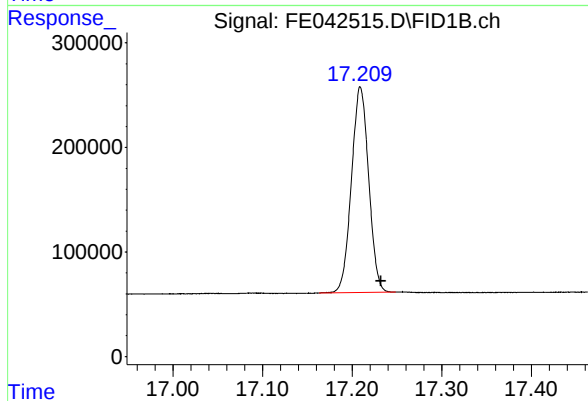
#14 n-Tetracosane (C24)

R.T.: 15.237 min
Delta R.T.: -0.023 min
Response: 2615900
Conc: 18.12 ug/ml



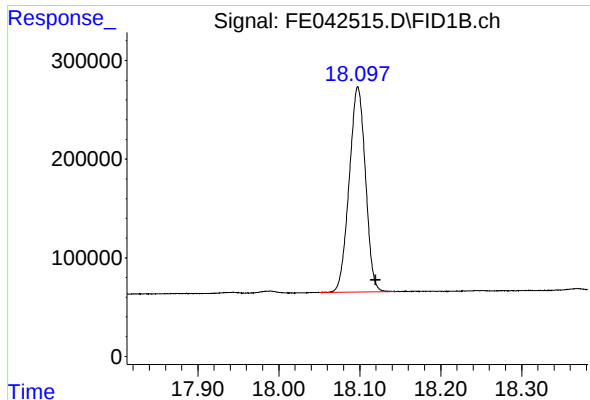
#15 n-Hexacosane (C26)

R.T.: 16.259 min
Delta R.T.: -0.022 min
Response: 2581049
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

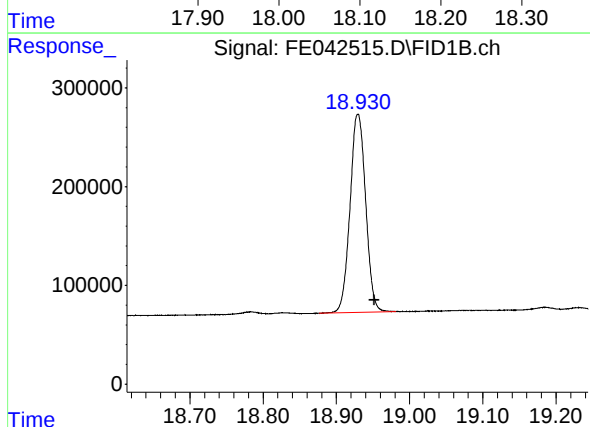
R.T.: 17.209 min
Delta R.T.: -0.023 min
Response: 2626026
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

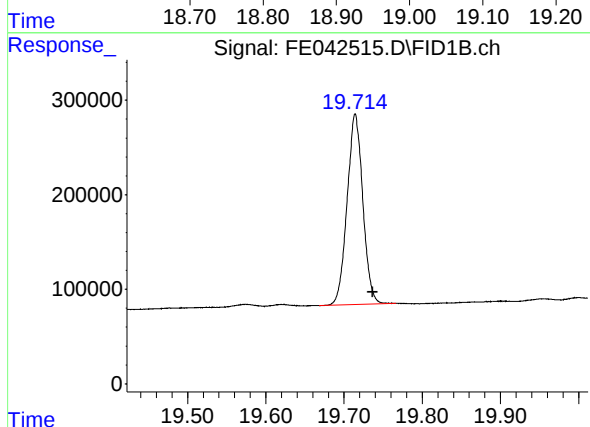
R.T.: 18.098 min
Delta R.T.: -0.022 min
Response: 2896687
Conc: 21.46 ug/ml

Instrument :
FID_E
ClientSampleId :



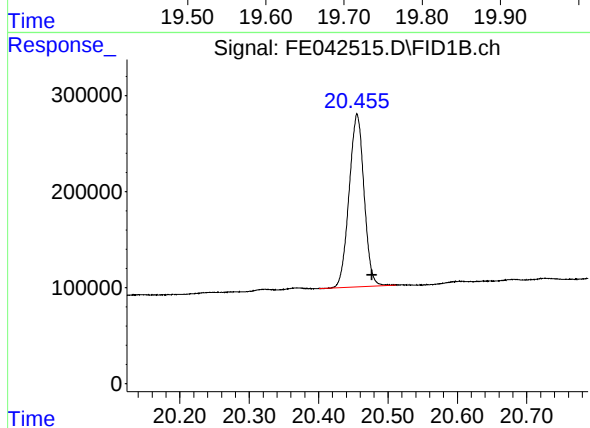
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.022 min
Response: 2975334
Conc: 22.27 ug/ml



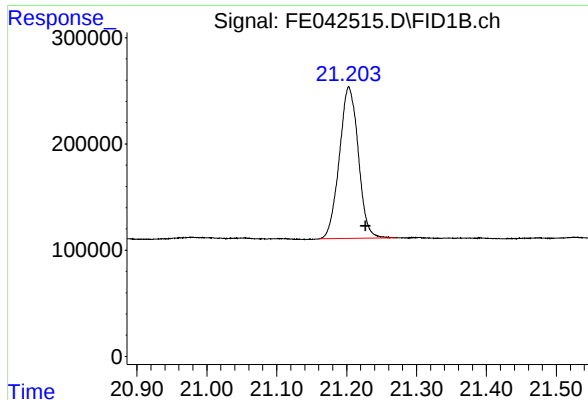
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min
Delta R.T.: -0.022 min
Response: 2820156
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

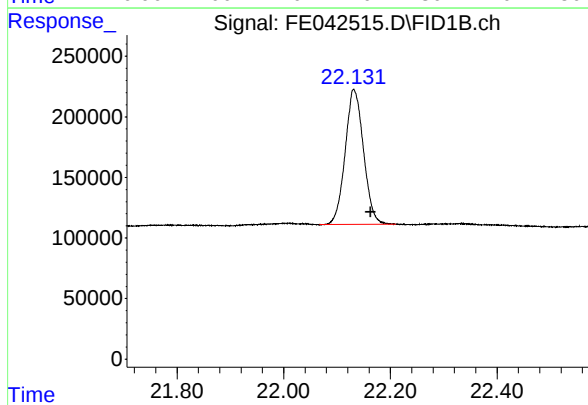
R.T.: 20.456 min
Delta R.T.: -0.021 min
Response: 2696505
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: -0.024 min
Response: 2688294
Conc: 19.81 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: -0.032 min
Response: 2665352
Conc: 19.16 ug/ml