

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071823AL\
 Data File : FE043298.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2023 23:17
 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: Jul 19 01:50:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.893	3626810	20.254 ug/ml
Spiked Amount 50.000		Recovery =	40.51%
12) S 1-chlorooctadecane (S...	13.331	2686786	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T n-Nonane (C9)	3.273	3078772	20.165 ug/ml
2) T n-Decane (C10)	4.525	3168347	20.323 ug/ml
3) T A~Naphthalene (C11.7)	6.235	3317510	20.617 ug/ml
4) T n-Dodecane (C12)	6.696	3192160	20.258 ug/ml
5) T A~2-methylnaphthalene...	7.333	3137511	20.677 ug/ml
6) T n-Tetradecane (C14)	8.525	3177551	20.090 ug/ml
7) T n-Hexadecane (C16)	10.132	3275650	20.241 ug/ml
8) T n-Octadecane (C18)	11.575	3296318	20.221 ug/ml
10) T n-Eicosane (C20)	12.884	3151277	20.283 ug/ml
11) T n-Heneicosane (C21)	13.496	3067062	20.244 ug/ml
13) T n-Docosane (C22)	14.082	3032947	20.294 ug/ml
14) T n-Tetracosane (C24)	15.185	2967913	20.209 ug/ml
15) T n-Hexacosane (C26)	16.207	2885526	20.259 ug/ml
16) T n-Octacosane (C28)	17.156	2834278	20.144 ug/ml
17) T n-Tricontane (C30)	18.044	2949676	20.023 ug/ml
18) T n-Dotriacontane (C32)	18.876	2968190	20.031 ug/ml
19) T n-Tetratriacontane (C34)	19.659	2886399	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.399	2787541	18.966 ug/ml
21) T n-Octatriacontane (C38)	21.138	2769130	19.412 ug/ml
22) T n-Tetracontane (C40)	22.044	2787561	18.888 ug/ml

(f)=RT Delta > 1/2 Window

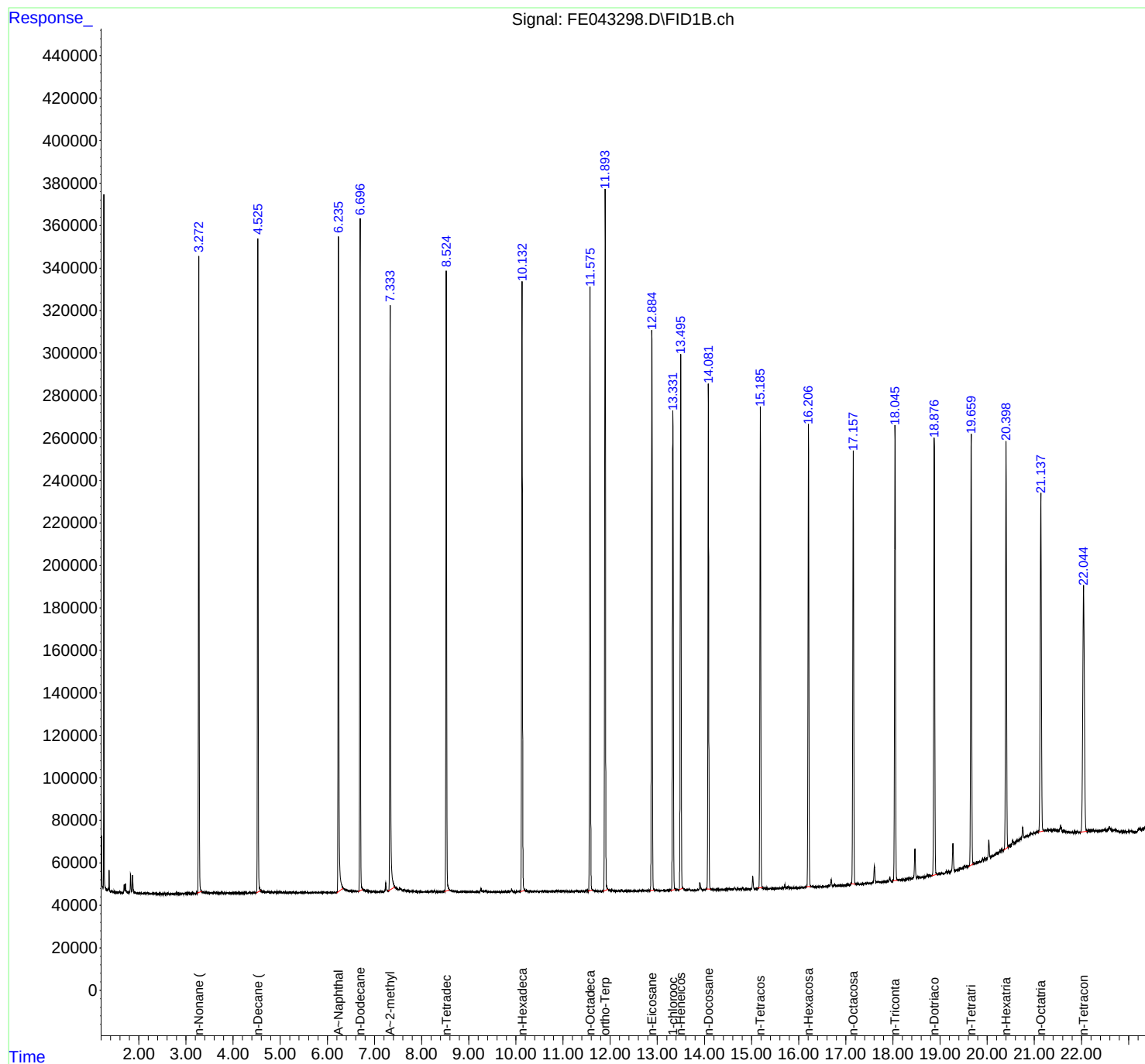
(m)=manual int.

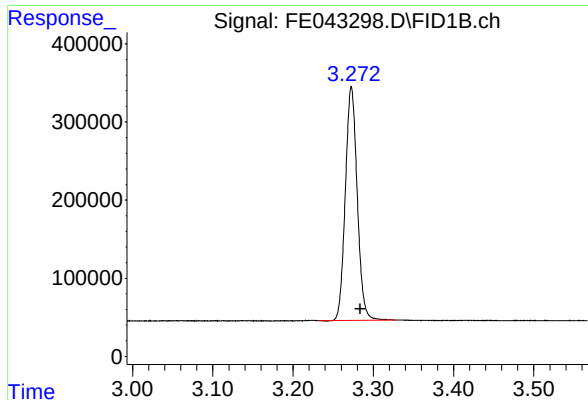
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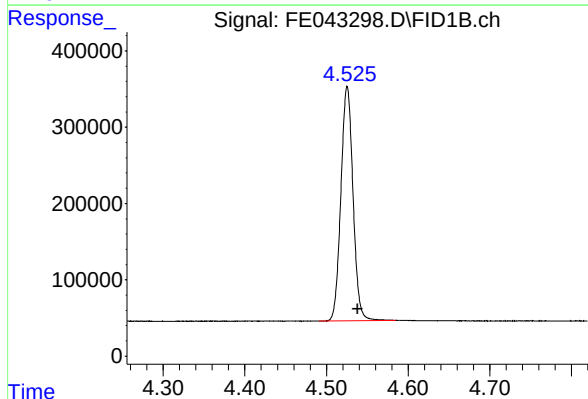
#1 n-Nonane (C9)

R.T.: 3.273 min
Delta R.T.: -0.011 min
Response: 3078772
Conc: 20.16 ug/ml

Instrument :

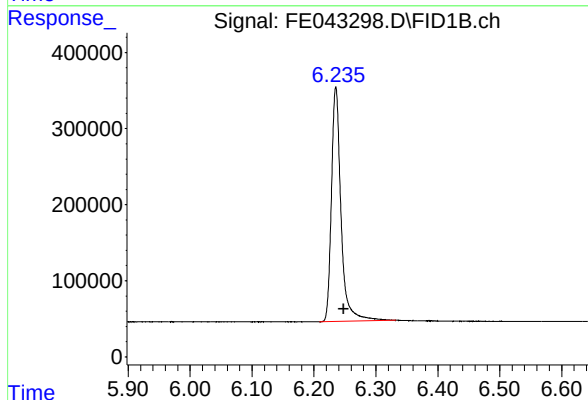
FID_E

ClientSampleId :



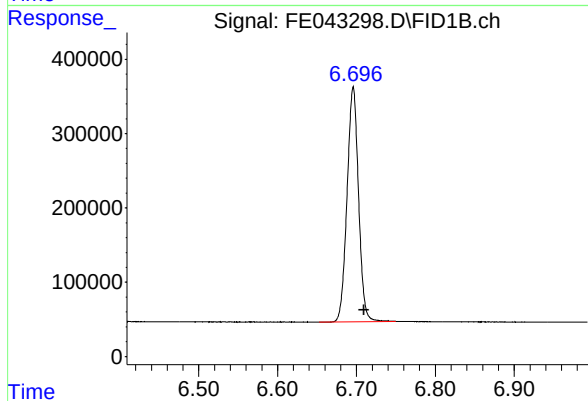
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.013 min
Response: 3168347
Conc: 20.32 ug/ml



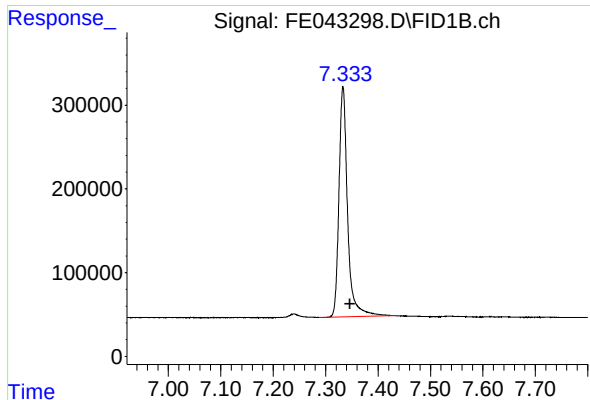
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.013 min
Response: 3317510
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

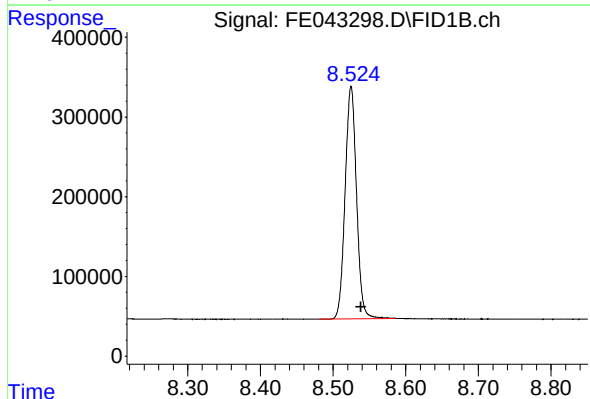
R.T.: 6.696 min
Delta R.T.: -0.014 min
Response: 3192160
Conc: 20.26 ug/ml



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

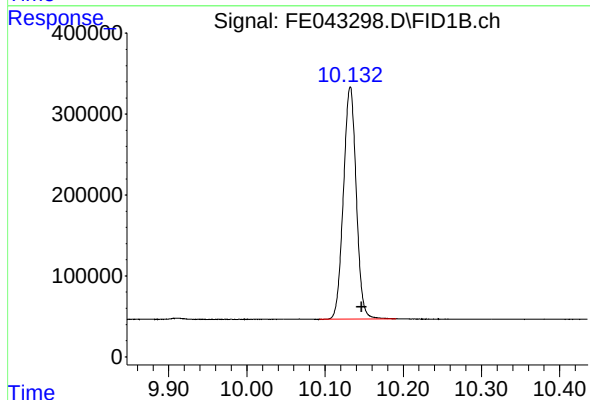
R.T.: 7.333 min
Delta R.T.: -0.013 min
Response: 3137511
Conc: 20.68 ug/ml

Instrument :
FID_E
ClientSampleId :



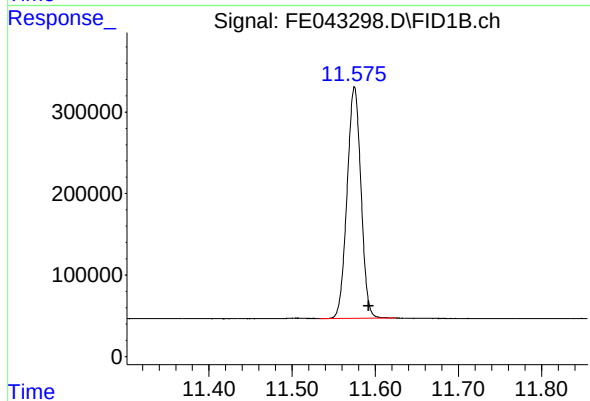
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.014 min
Response: 3177551
Conc: 20.09 ug/ml



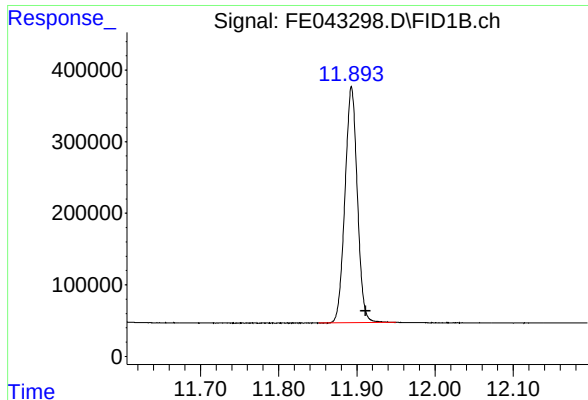
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.015 min
Response: 3275650
Conc: 20.24 ug/ml



#8 n-Octadecane (C18)

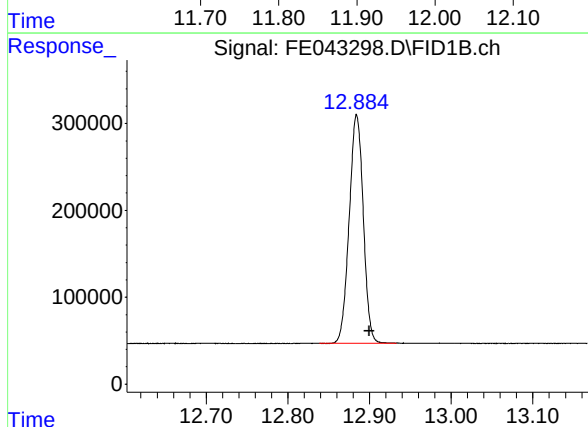
R.T.: 11.575 min
Delta R.T.: -0.017 min
Response: 3296318
Conc: 20.22 ug/ml



#9 ortho-Terphenyl (SURR)

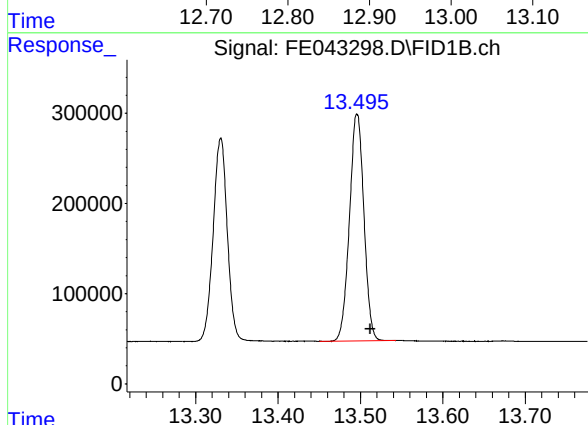
R.T.: 11.893 min
Delta R.T.: -0.018 min
Response: 3626810
Conc: 20.25 ug/ml

Instrument :
FID_E
ClientSampleId :



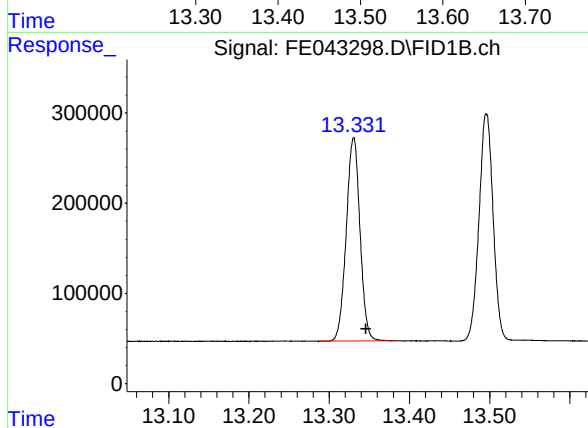
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.015 min
Response: 3151277
Conc: 20.28 ug/ml



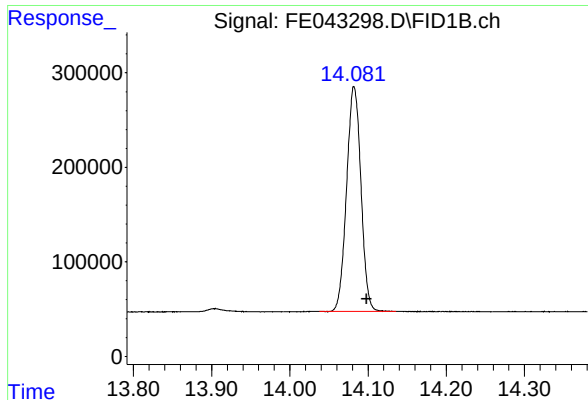
#11 n-Heneicosane (C21)

R.T.: 13.496 min
Delta R.T.: -0.016 min
Response: 3067062
Conc: 20.24 ug/ml



#12 1-chlorooctadecane (SURR)

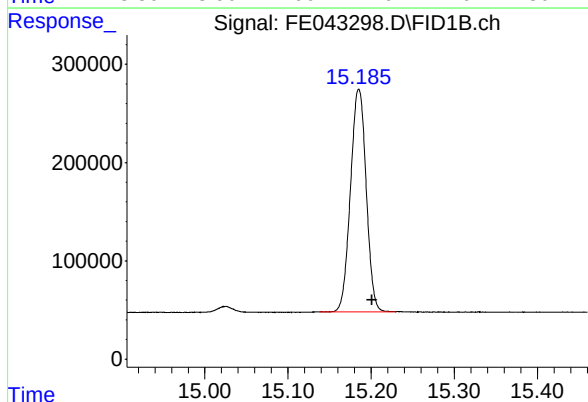
R.T.: 13.331 min
Delta R.T.: -0.015 min
Response: 2686786
Conc: 20.45 ug/ml



#13 n-Docosane (C22)

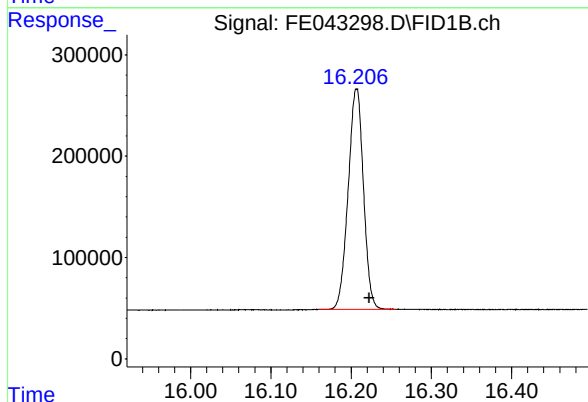
R.T.: 14.082 min
Delta R.T.: -0.016 min
Response: 3032947
Conc: 20.29 ug/ml

Instrument :
FID_E
ClientSampleId :



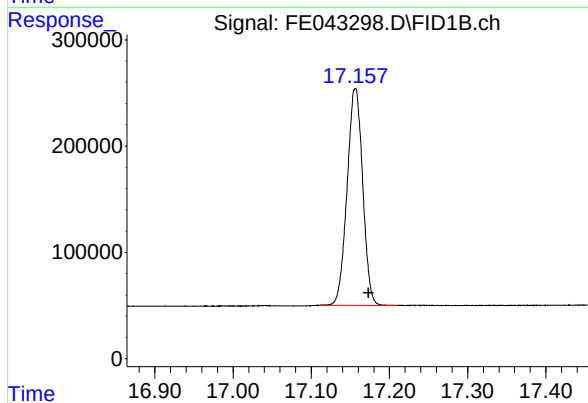
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.016 min
Response: 2967913
Conc: 20.21 ug/ml



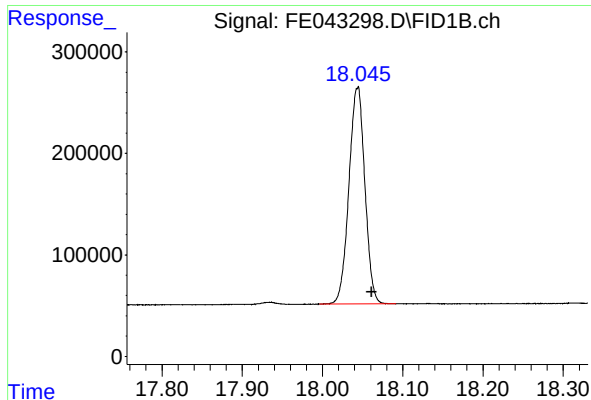
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.016 min
Response: 2885526
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

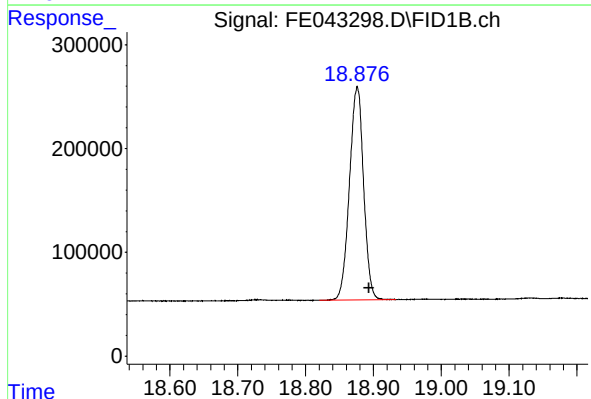
R.T.: 17.156 min
Delta R.T.: -0.017 min
Response: 2834278
Conc: 20.14 ug/ml



#17 n-Tricontane (C30)

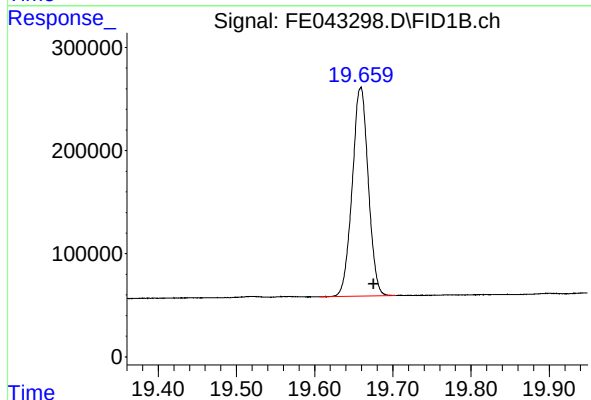
R.T.: 18.044 min
Delta R.T.: -0.017 min
Response: 2949676
Conc: 20.02 ug/ml

Instrument :
FID_E
ClientSampleId :



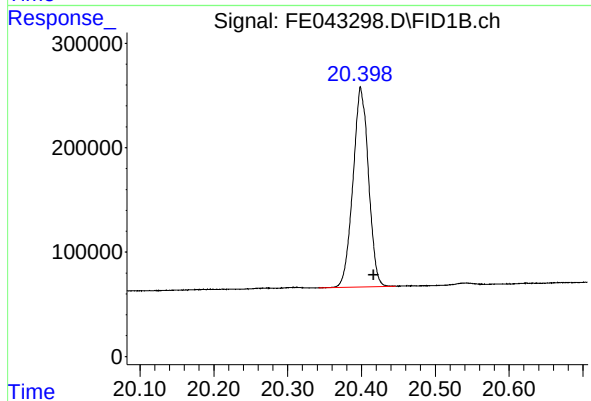
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.017 min
Response: 2968190
Conc: 20.03 ug/ml



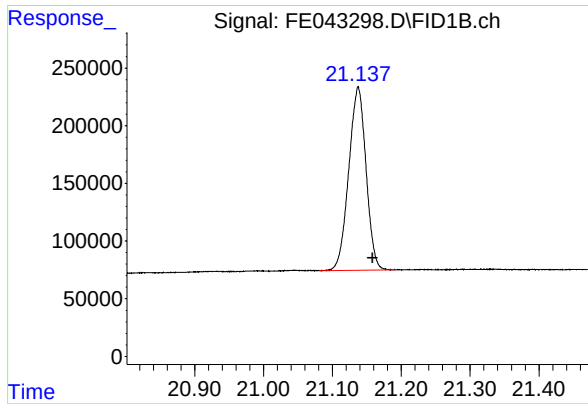
#19 n-Tetatriacontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.017 min
Response: 2886399
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

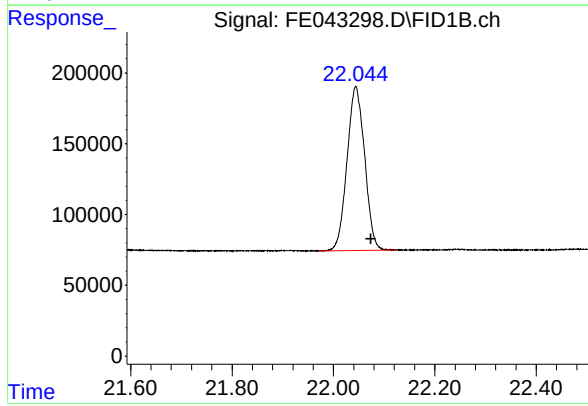
R.T.: 20.399 min
Delta R.T.: -0.018 min
Response: 2787541
Conc: 18.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.138 min
Delta R.T.: -0.021 min
Response: 2769130
Conc: 19.41 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.030 min
Response: 2787561
Conc: 18.89 ug/ml