

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082323AL\
 Data File : FF013328.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2023 01:37
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 24 02:18:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.892	2627950	19.127 ug/ml
Spiked Amount	50.000	Recovery =	38.25%
12) S 1-chlorooctadecane (S...	13.329	2018840	19.265 ug/ml
Spiked Amount	50.000	Recovery =	38.53%
Target Compounds			
1) T n-Nonane (C9)	3.282	2011158	18.822 ug/ml
2) T n-Decane (C10)	4.535	2027958	18.924 ug/ml
3) T A~Naphthalene (C11.7)	6.235	2261777	19.105 ug/ml
4) T n-Dodecane (C12)	6.700	2065032	19.084 ug/ml
5) T A~2-methylnaphthalene...	7.329	2262266	19.086 ug/ml
6) T n-Tetradecane (C14)	8.525	2069589	19.173 ug/ml
7) T n-Hexadecane (C16)	10.133	2095335	19.330 ug/ml
8) T n-Octadecane (C18)	11.576	2121247	19.372 ug/ml
10) T n-Eicosane (C20)	12.886	2123580	19.352 ug/ml
11) T n-Heneicosane (C21)	13.497	2114858	19.249 ug/ml
13) T n-Docosane (C22)	14.084	2134502	19.442 ug/ml
14) T n-Tetracosane (C24)	15.187	2176848	19.814 ug/ml
15) T n-Hexacosane (C26)	16.207	2141852	19.598 ug/ml
16) T n-Octacosane (C28)	17.156	2128840	19.717 ug/ml
17) T n-Tricontane (C30)	18.044	2163191	19.781 ug/ml
18) T n-Dotriacontane (C32)	18.875	2135084	18.902 ug/ml
19) T n-Tetratriacontane (C34)	19.659	1952869	18.385 ug/ml
20) T n-Hexatriacontane (C36)	20.398	2113837	20.055 ug/ml
21) T n-Octatriacontane (C38)	21.127	1923379	19.043 ug/ml
22) T n-Tetracontane (C40)	22.026	2189967	22.034 ug/ml

(f)=RT Delta > 1/2 Window

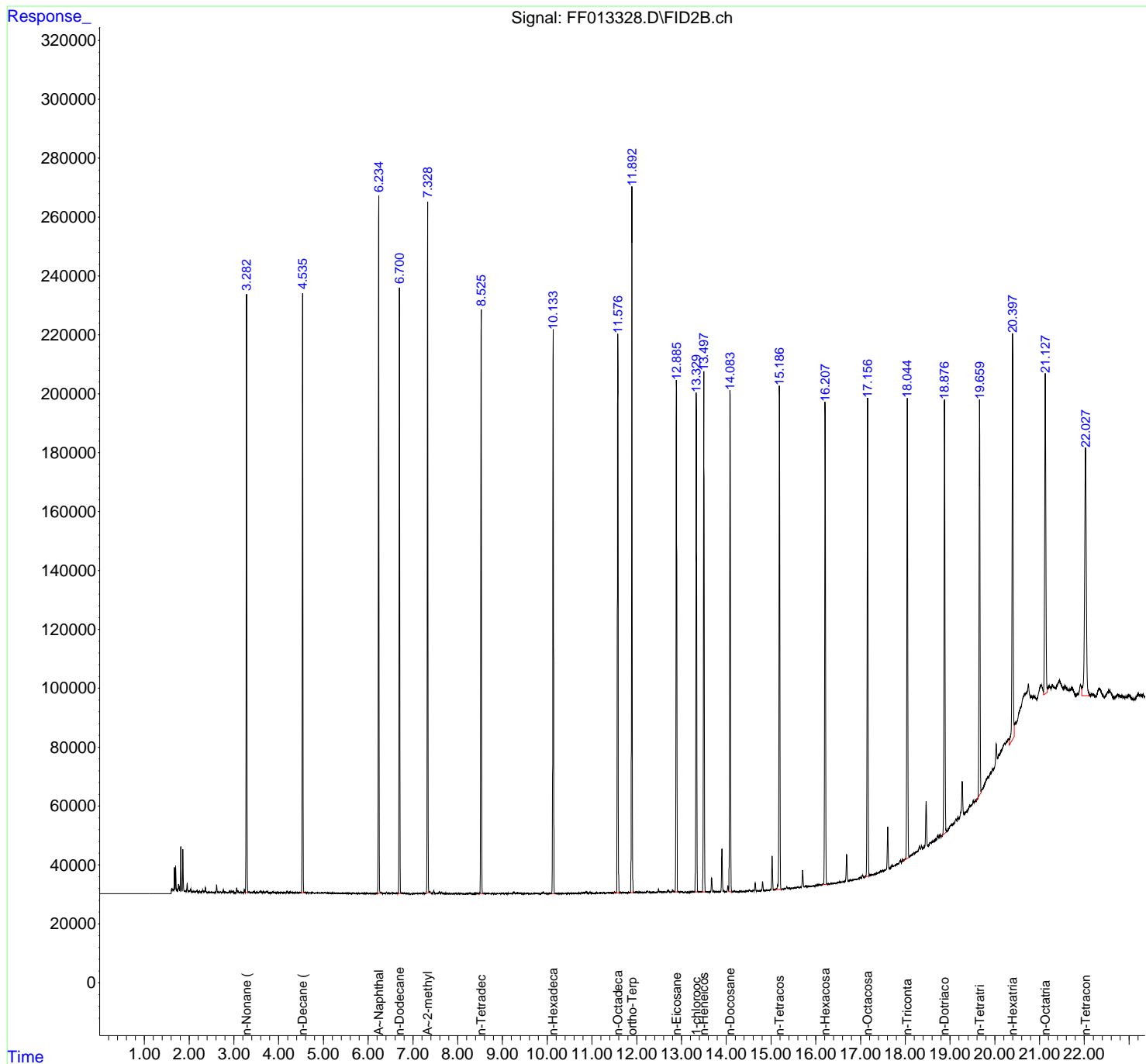
(m)=manual int.

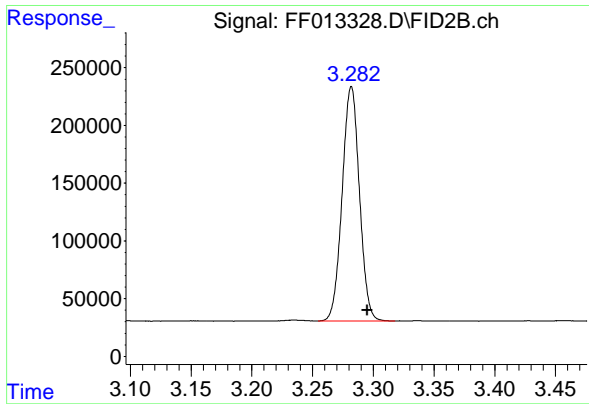
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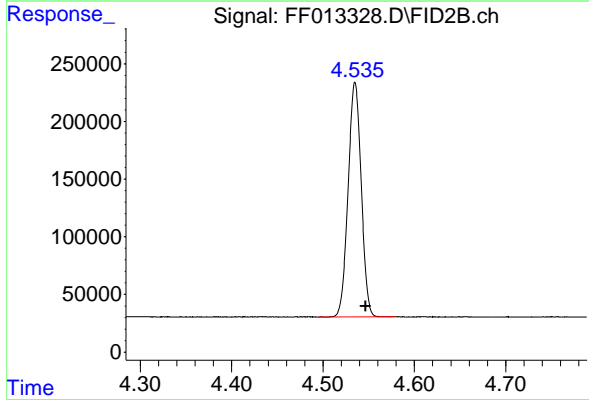




#1 n-Nonane (C9)

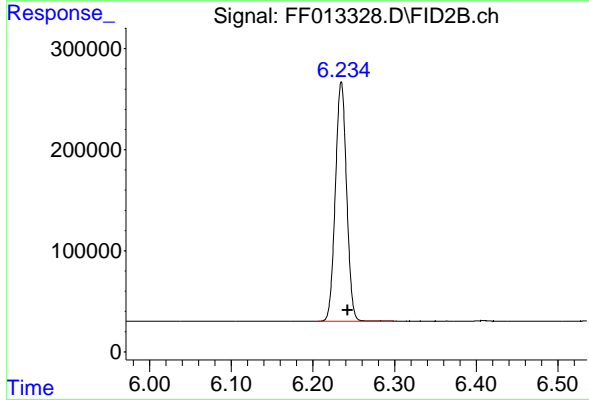
R.T.: 3.282 min
Delta R.T.: -0.013 min
Response: 2011158
Conc: 18.82 ug/ml

Instrument :
FID_F
ClientSampleId :



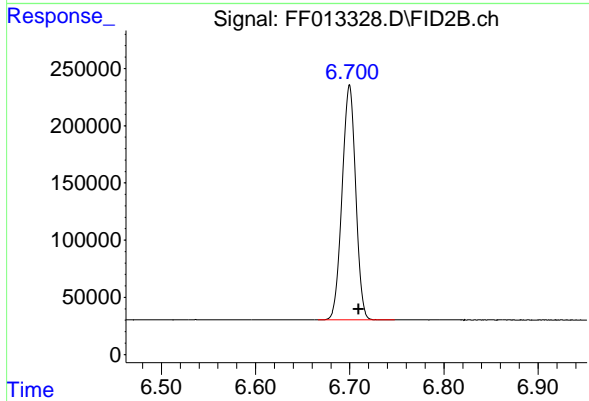
#2 n-Decane (C10)

R.T.: 4.535 min
Delta R.T.: -0.012 min
Response: 2027958
Conc: 18.92 ug/ml



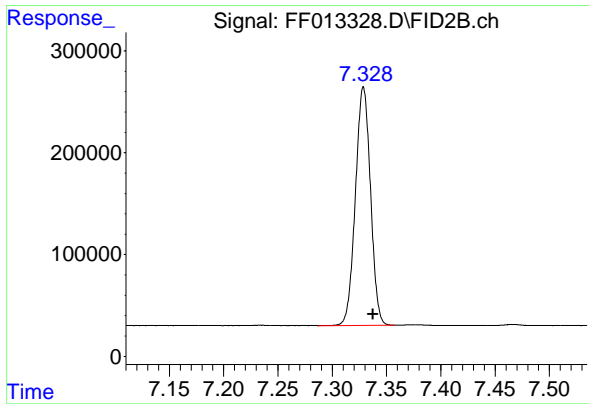
#3 A~Naphthalene (C11.7)

R.T.: 6.235 min
Delta R.T.: -0.008 min
Response: 2261777
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

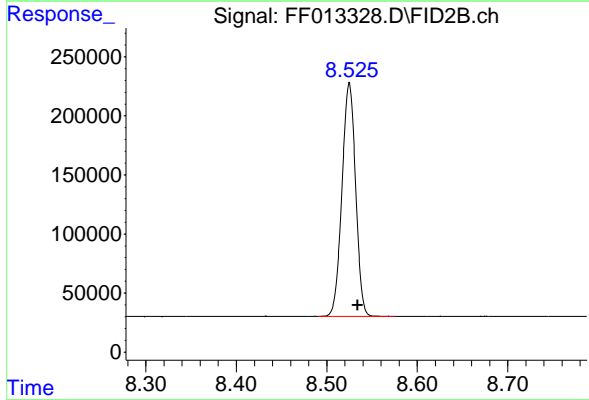
R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 2065032
Conc: 19.08 ug/ml



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

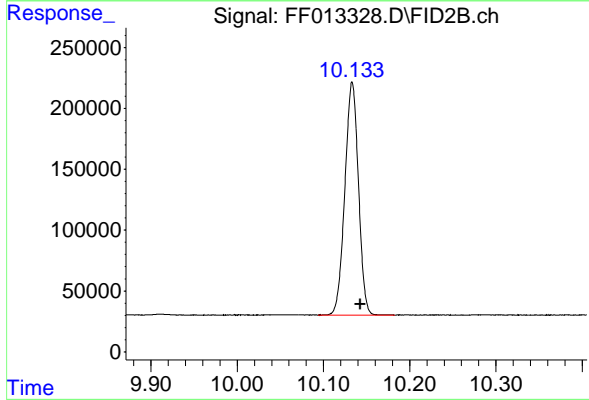
R.T.: 7.329 min
 Delta R.T.: -0.009 min
 Response: 2262266
 Conc: 19.09 ug/ml

Instrument :
 FID_F
 ClientSampleId :



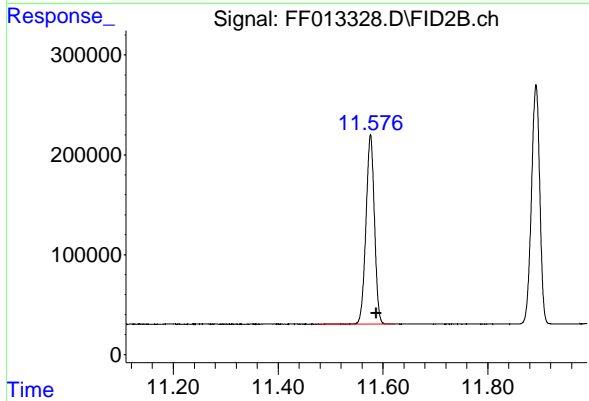
#6 n-Tetradecane (C14)

R.T.: 8.525 min
 Delta R.T.: -0.009 min
 Response: 2069589
 Conc: 19.17 ug/ml



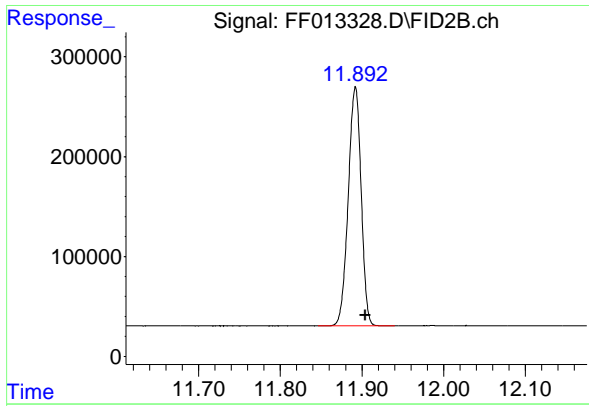
#7 n-Hexadecane (C16)

R.T.: 10.133 min
 Delta R.T.: -0.009 min
 Response: 2095335
 Conc: 19.33 ug/ml



#8 n-Octadecane (C18)

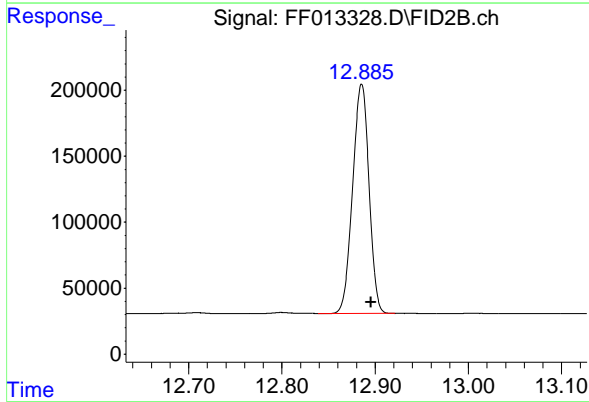
R.T.: 11.576 min
 Delta R.T.: -0.011 min
 Response: 2121247
 Conc: 19.37 ug/ml



#9 ortho-Terphenyl (SURR)

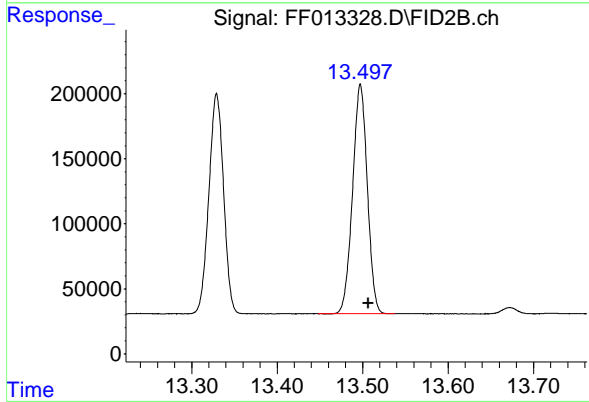
R.T.: 11.892 min
 Delta R.T.: -0.012 min
 Response: 2627950
 Conc: 19.13 ug/ml

Instrument :
 FID_F
 ClientSampleId :



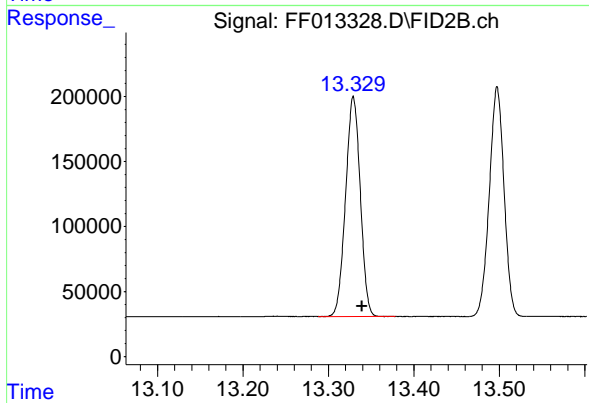
#10 n-Eicosane (C20)

R.T.: 12.886 min
 Delta R.T.: -0.010 min
 Response: 2123580
 Conc: 19.35 ug/ml



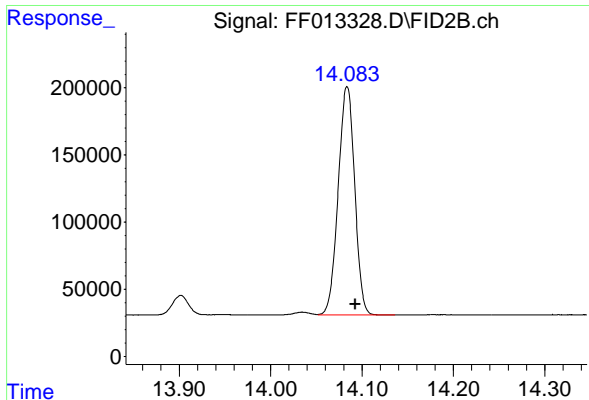
#11 n-Heneicosane (C21)

R.T.: 13.497 min
 Delta R.T.: -0.009 min
 Response: 2114858
 Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

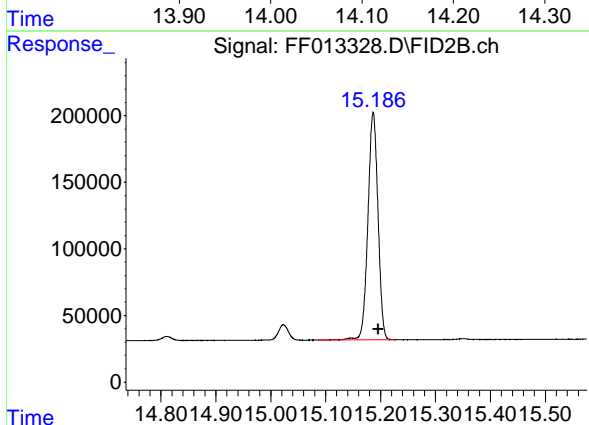
R.T.: 13.329 min
 Delta R.T.: -0.010 min
 Response: 2018840
 Conc: 19.26 ug/ml



#13 n-Docosane (C22)

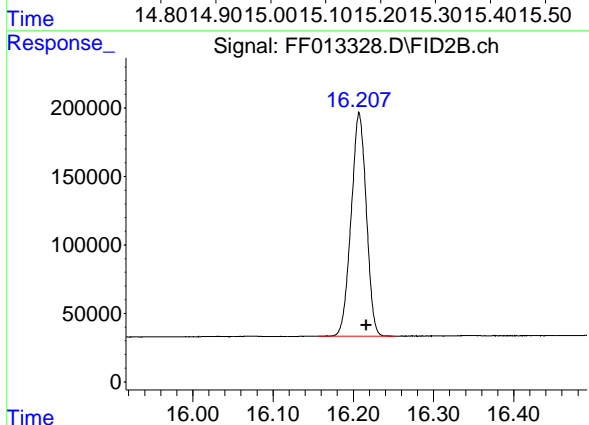
R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 2134502
Conc: 19.44 ug/ml

Instrument :
FID_F
ClientSampleId :



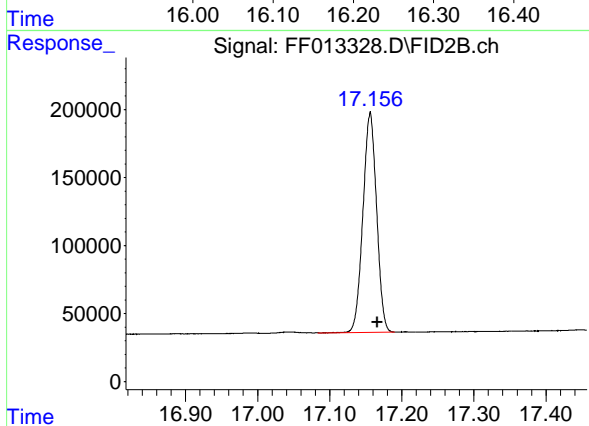
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.009 min
Response: 2176848
Conc: 19.81 ug/ml



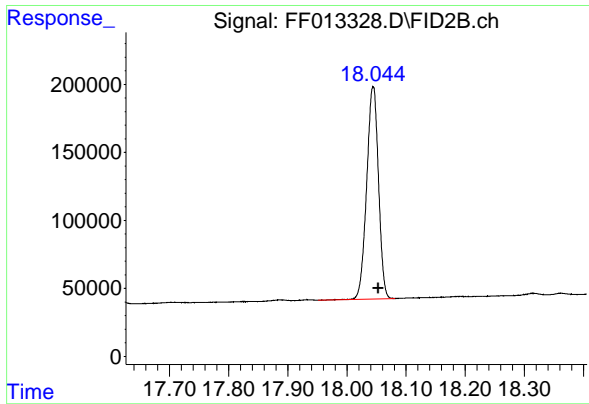
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.009 min
Response: 2141852
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

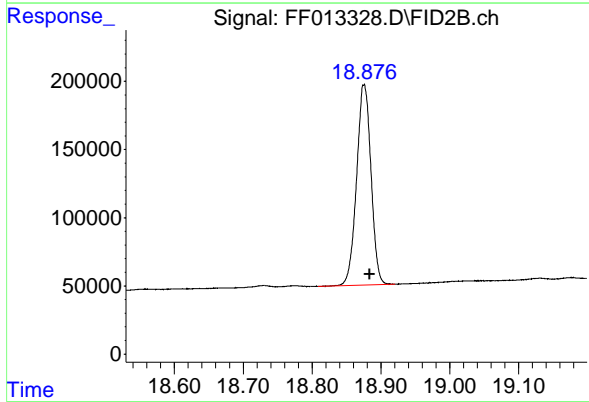
R.T.: 17.156 min
Delta R.T.: -0.010 min
Response: 2128840
Conc: 19.72 ug/ml



#17 n-Tricontane (C30)

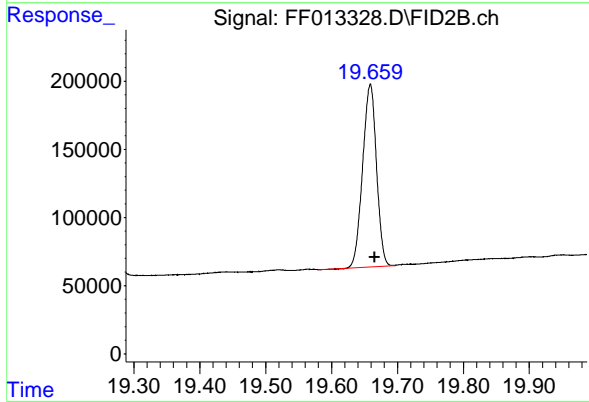
R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 2163191
Conc: 19.78 ug/ml

Instrument :
FID_F
ClientSampleId :



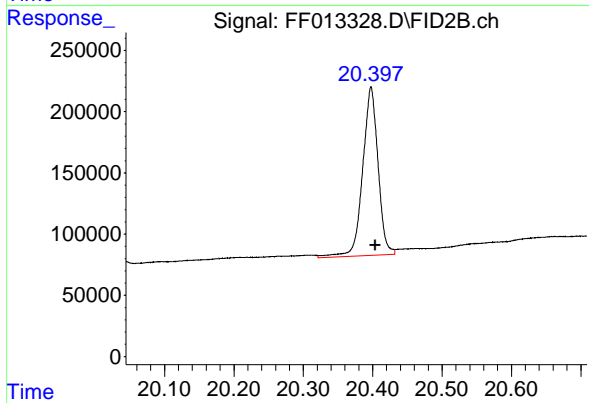
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 2135084
Conc: 18.90 ug/ml



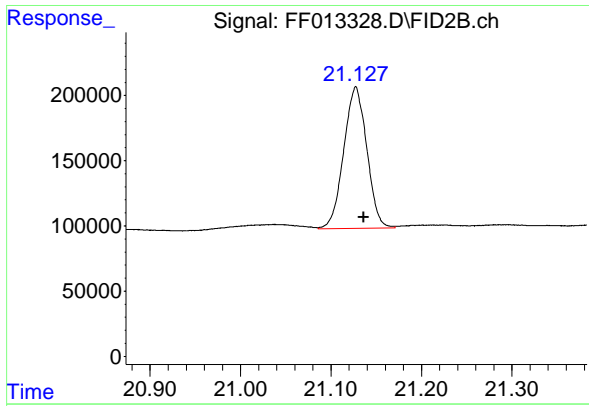
#19 n-Tetracontane (C34)

R.T.: 19.659 min
Delta R.T.: -0.007 min
Response: 1952869
Conc: 18.38 ug/ml



#20 n-Hexatriacontane (C36)

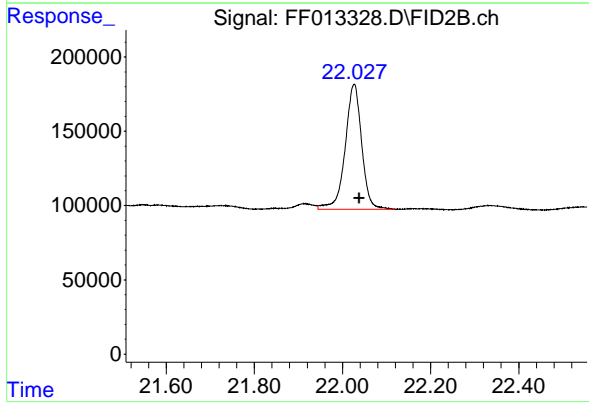
R.T.: 20.398 min
Delta R.T.: -0.006 min
Response: 2113837
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.127 min
Delta R.T.: -0.009 min
Response: 1923379
Conc: 19.04 ug/ml

Instrument :
FID_F
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.026 min
Delta R.T.: -0.012 min
Response: 2189967
Conc: 22.03 ug/ml