

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111319AL\
 Data File : FC044514.D
 Signal(s) : FID1A.CH
 Acq On : 13 Nov 2019 8:45
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 14 01:08:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.721	2389375	16.392 ug/ml
Spiked Amount 50.000		Recovery =	32.78%
12) S 1-chlorooctadecane (S...	13.150	1792017	16.027 ug/ml
Spiked Amount 50.000		Recovery =	32.05%
Target Compounds			
1) T n-Nonane (C9)	3.453	2377371	21.582 ug/ml
2) T n-Decane (C10)	4.529	2403243	21.637 ug/ml
3) T A~Naphthalene (C11.7)	6.131	2630532	21.142 ug/ml
4) T n-Dodecane (C12)	6.555	2402709	21.364 ug/ml
5) T A~2-methylnaphthalene...	7.189	2622089	20.793 ug/ml
6) T n-Tetradecane (C14)	8.350	2363949	20.895 ug/ml
7) T n-Hexadecane (C16)	9.951	2315393	20.264 ug/ml
8) T n-Octadecane (C18)	11.394	2242394	19.585 ug/ml
10) T n-Eicosane (C20)	12.703	2155011	18.896 ug/ml
11) T n-Heneicosane (C21)	13.315	2123383	18.512 ug/ml
13) T n-Docosane (C22)	13.902	2089907	18.404 ug/ml
14) T n-Tetracosane (C24)	15.005	2015655	17.825 ug/ml
15) T n-Hexacosane (C26)	16.026	1987648	17.965 ug/ml
16) T n-Octacosane (C28)	16.976	1987336	18.346 ug/ml
17) T n-Tricontane (C30)	17.865	2006420	18.958 ug/ml
18) T n-Dotriacontane (C32)	18.698	1971023	19.571 ug/ml
19) T n-Tetratriacontane (C34)	19.482	1938127	20.670 ug/ml
20) T n-Hexatriacontane (C36)	20.222	1877928	21.633 ug/ml
21) T n-Octatriacontane (C38)	20.991	1817428	22.538 ug/ml
22) T n-Tetracontane (C40)	21.955	1835859	21.719 ug/ml

(f)=RT Delta > 1/2 Window

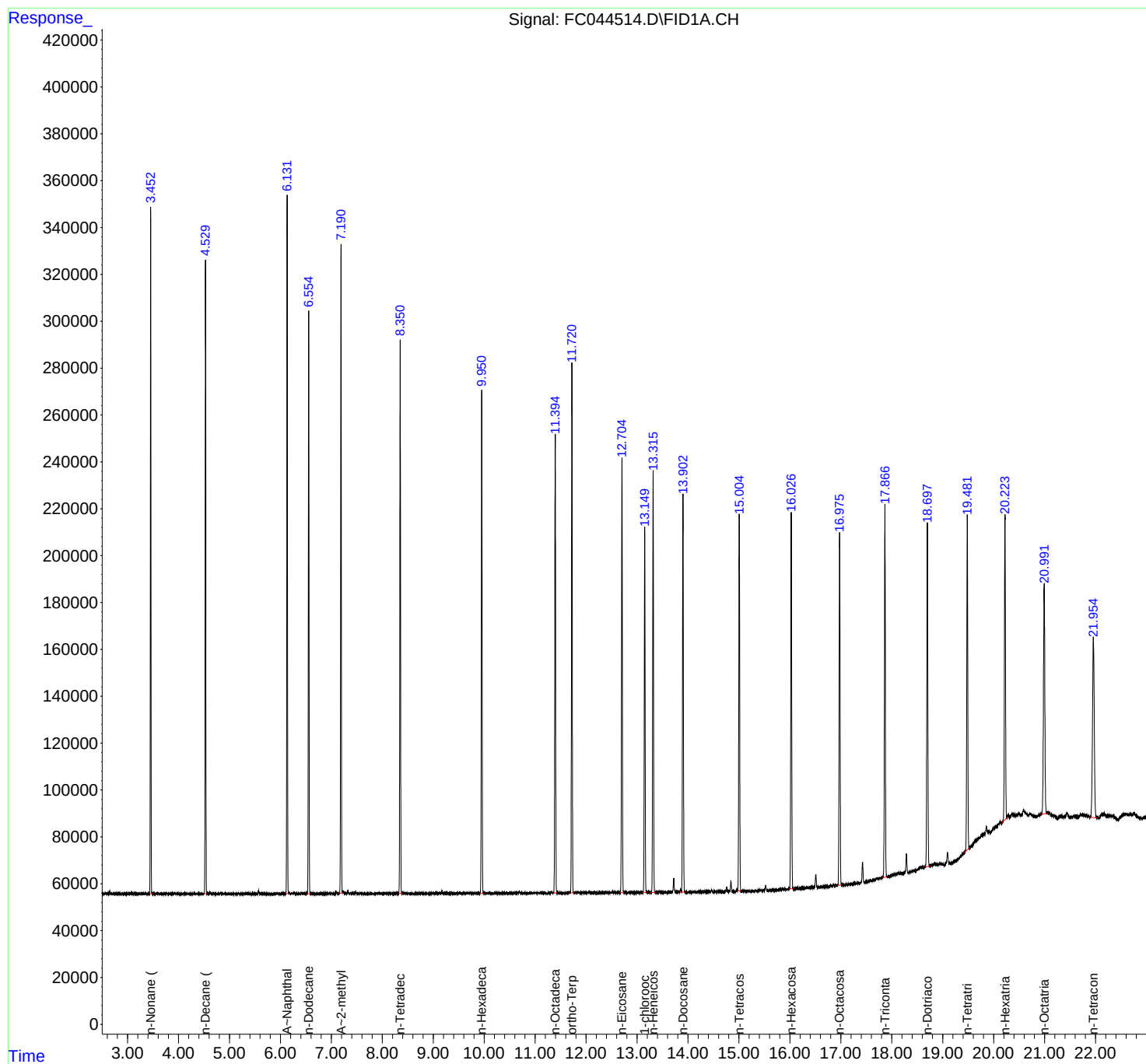
(m)=manual int.

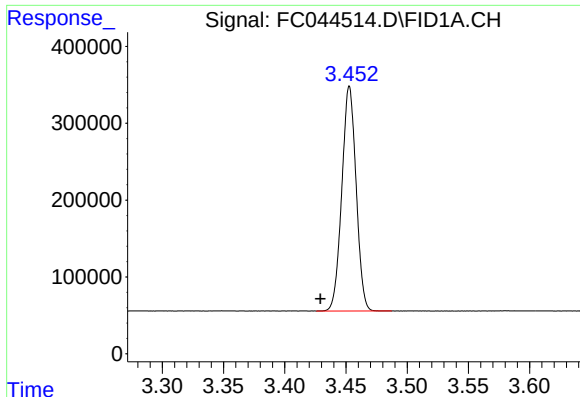
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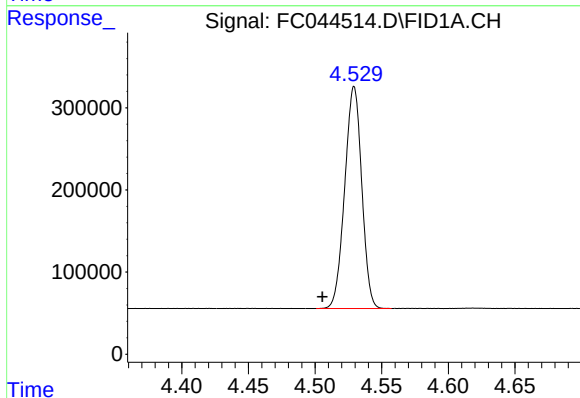




#1 n-Nonane (C9)

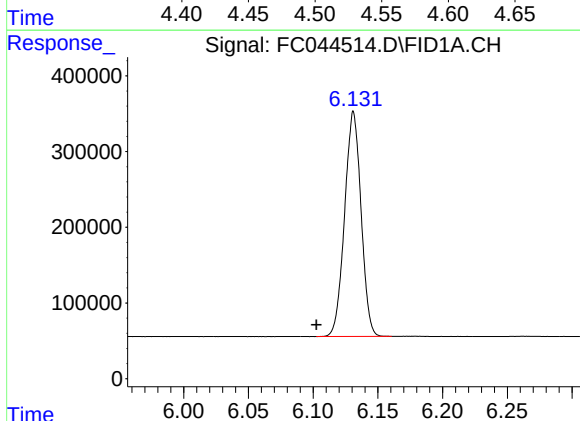
R.T.: 3.453 min
Delta R.T.: 0.024 min
Response: 2377371
Conc: 21.58 ug/ml

Instrument :
FID_C
ClientSampleId :



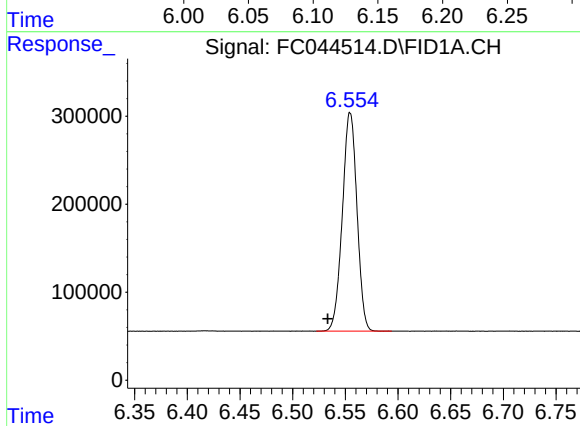
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.024 min
Response: 2403243
Conc: 21.64 ug/ml



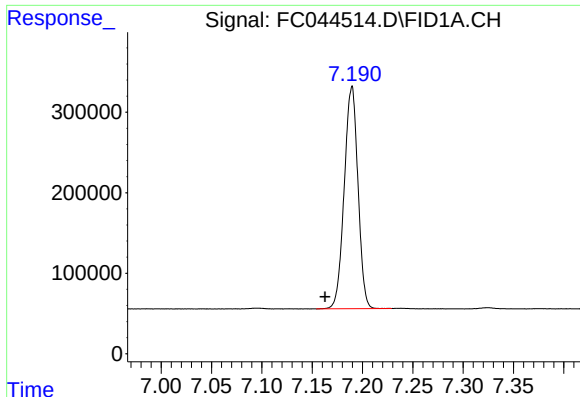
#3 A~Naphthalene (C11.7)

R.T.: 6.131 min
Delta R.T.: 0.029 min
Response: 2630532
Conc: 21.14 ug/ml



#4 n-Dodecane (C12)

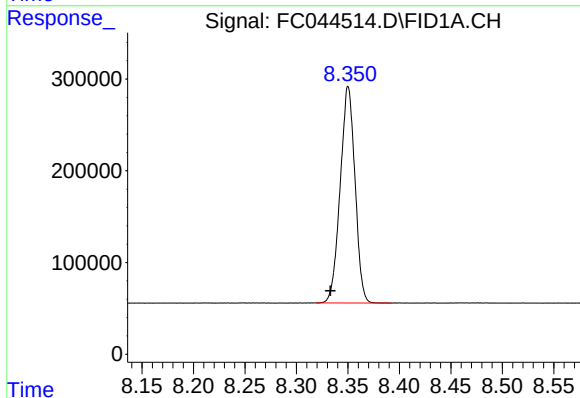
R.T.: 6.555 min
Delta R.T.: 0.021 min
Response: 2402709
Conc: 21.36 ug/ml



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

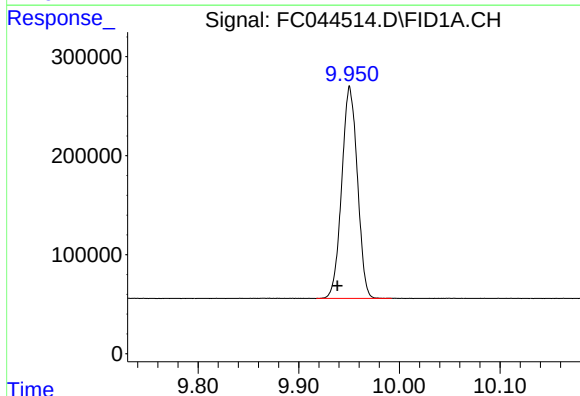
R.T.: 7.189 min
Delta R.T.: 0.027 min
Response: 2622089
Conc: 20.79 ug/ml

Instrument :
FID_C
ClientSampleId :



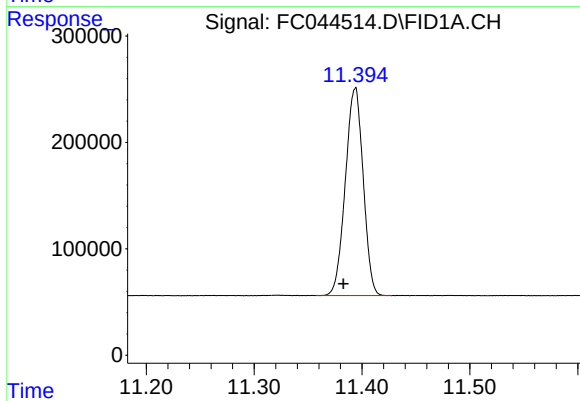
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.017 min
Response: 2363949
Conc: 20.89 ug/ml



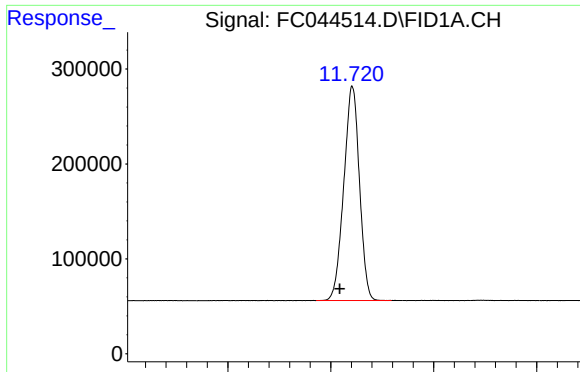
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.012 min
Response: 2315393
Conc: 20.26 ug/ml



#8 n-Octadecane (C18)

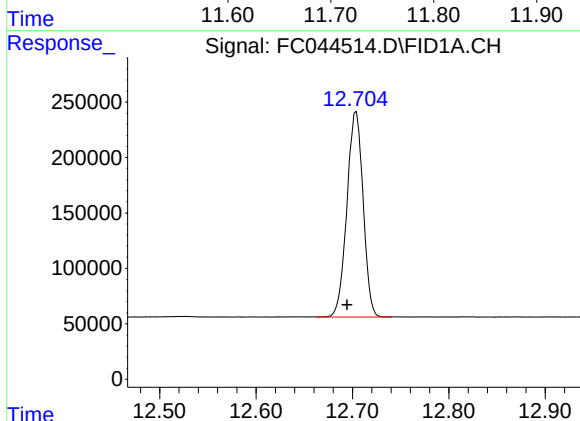
R.T.: 11.394 min
Delta R.T.: 0.011 min
Response: 2242394
Conc: 19.59 ug/ml



#9 ortho-Terphenyl (SURR)

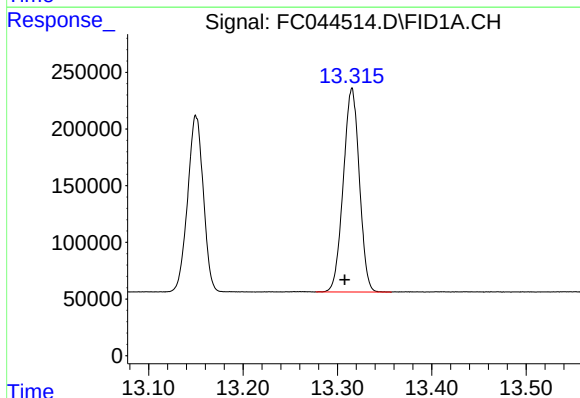
R.T.: 11.721 min
Delta R.T.: 0.012 min
Response: 2389375
Conc: 16.39 ug/ml

Instrument :
FID_C
ClientSampleId :



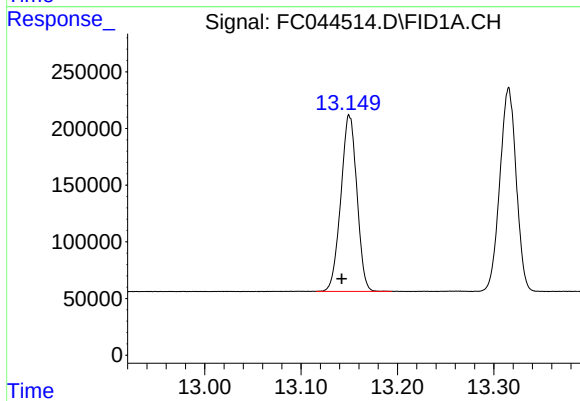
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.009 min
Response: 2155011
Conc: 18.90 ug/ml



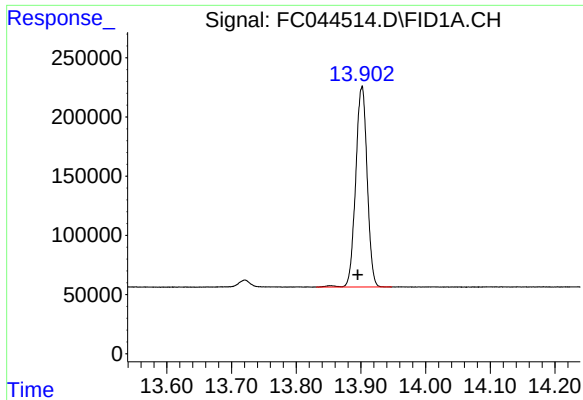
#11 n-Heneicosane (C21)

R.T.: 13.315 min
Delta R.T.: 0.008 min
Response: 2123383
Conc: 18.51 ug/ml



#12 1-chlorooctadecane (SURR)

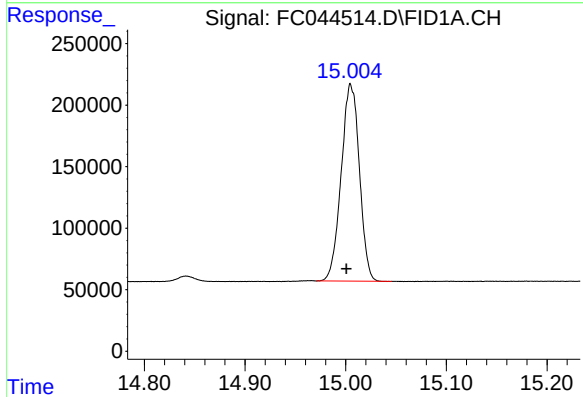
R.T.: 13.150 min
Delta R.T.: 0.008 min
Response: 1792017
Conc: 16.03 ug/ml



#13 n-Docosane (C22)

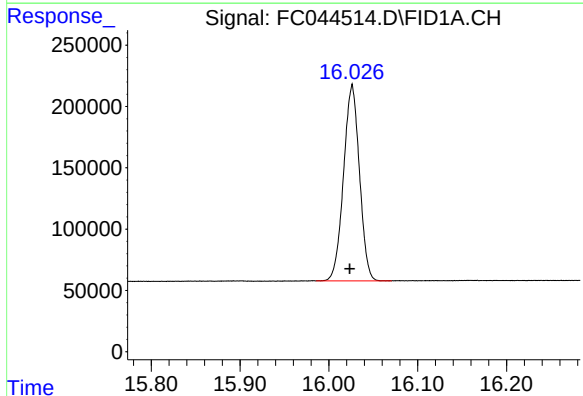
R.T.: 13.902 min
Delta R.T.: 0.006 min
Response: 2089907
Conc: 18.40 ug/ml

Instrument :
FID_C
ClientSampleId :



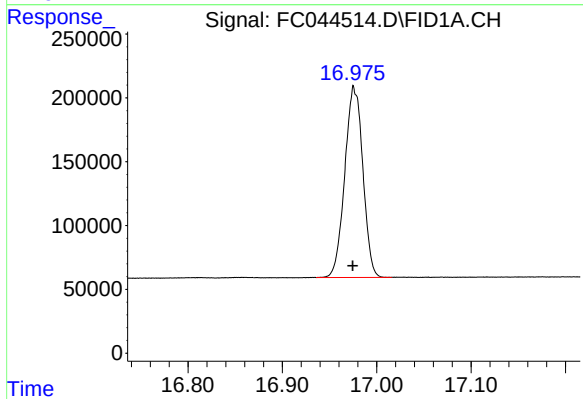
#14 n-Tetracosane (C24)

R.T.: 15.005 min
Delta R.T.: 0.004 min
Response: 2015655
Conc: 17.82 ug/ml



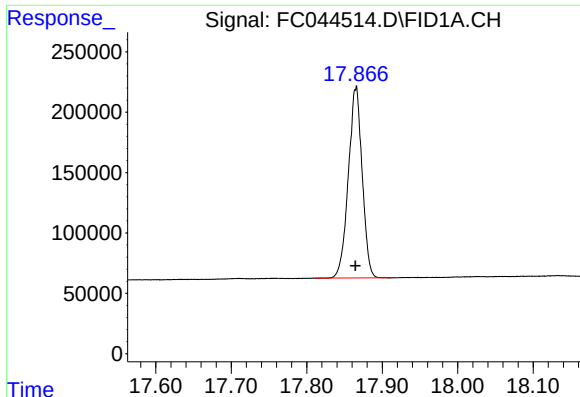
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 1987648
Conc: 17.96 ug/ml



#16 n-Octacosane (C28)

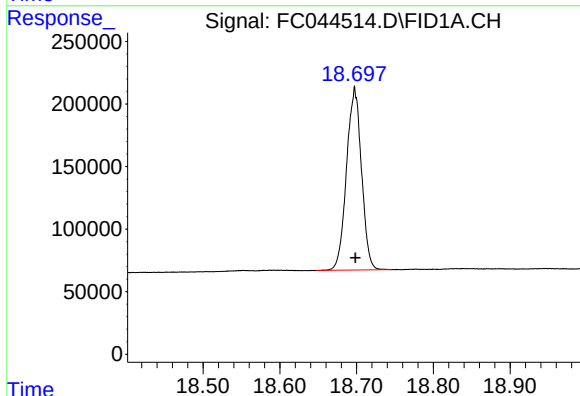
R.T.: 16.976 min
Delta R.T.: 0.001 min
Response: 1987336
Conc: 18.35 ug/ml



#17 n-Tricontane (C30)

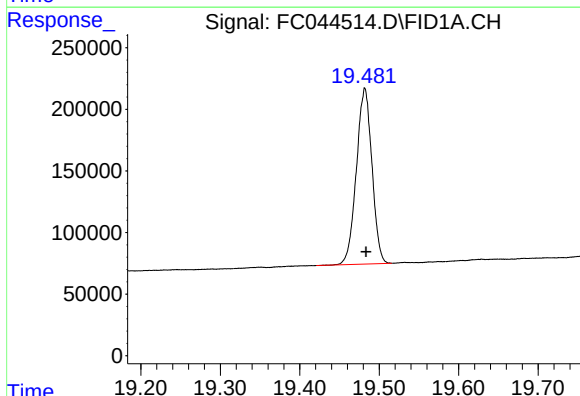
R.T.: 17.865 min
Delta R.T.: 0.000 min
Response: 2006420
Conc: 18.96 ug/ml

Instrument :
FID_C
ClientSampleId :



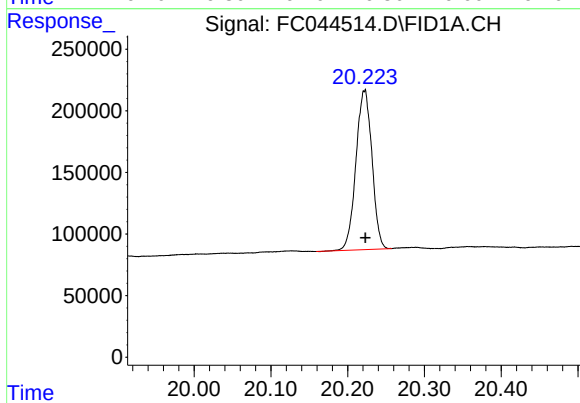
#18 n-Dotriacontane (C32)

R.T.: 18.698 min
Delta R.T.: 0.000 min
Response: 1971023
Conc: 19.57 ug/ml



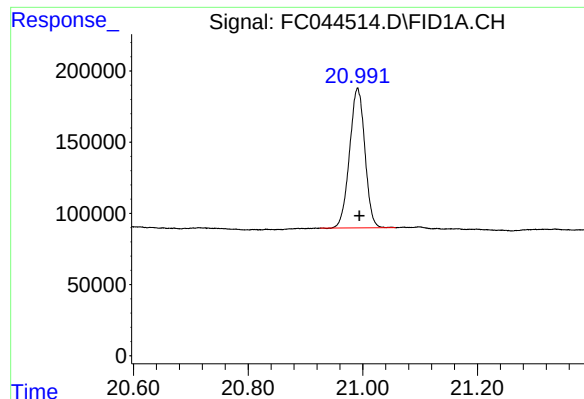
#19 n-Tetratriacontane (C34)

R.T.: 19.482 min
Delta R.T.: -0.002 min
Response: 1938127
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

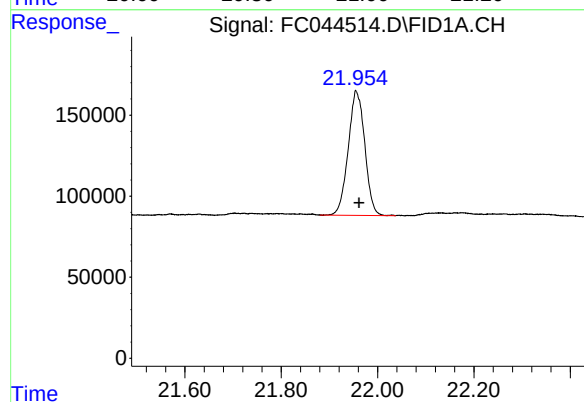
R.T.: 20.222 min
Delta R.T.: -0.001 min
Response: 1877928
Conc: 21.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.991 min
Delta R.T.: -0.003 min
Response: 1817428
Conc: 22.54 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.955 min
Delta R.T.: -0.006 min
Response: 1835859
Conc: 21.72 ug/ml