

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062521AL\
 Data File : FD037982.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2021 12:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 26 00:12:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:11:15 2021
 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)	11.424	2476217	17.448 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
12) S 1-chlorooctadecane (S...	12.859	1847028	16.567 ug/ml
Spiked Amount 50.000		Recovery =	33.13%
Target Compounds			
1) T n-Nonane (C9)	3.240	2324006	19.222 ug/ml
2) T n-Decane (C10)	4.296	2356213	19.222 ug/ml
3) T A~Naphthalene (C11.7)	5.864	2579572	19.129 ug/ml
4) T n-Dodecane (C12)	6.302	2380283	19.389 ug/ml
5) T A~2-methylnaphthalene...	6.915	2529660	18.682 ug/ml
6) T n-Tetradecane (C14)	8.088	2401738	19.139 ug/ml
7) T n-Hexadecane (C16)	9.681	2354719	18.398 ug/ml
8) T n-Octadecane (C18)	11.115	2366520	17.909 ug/ml
10) T n-Eicosane (C20)	12.419	2281393	17.286 ug/ml
11) T n-Heneicosane (C21)	13.027	2260991	17.038 ug/ml
13) T n-Docosane (C22)	13.611	2185601	16.670 ug/ml
14) T n-Tetracosane (C24)	14.707	2103057	16.116 ug/ml
15) T n-Hexacosane (C26)	15.723	1976855	15.576 ug/ml
16) T n-Octacosane (C28)	16.668	1896605	15.285 ug/ml
17) T n-Tricontane (C30)	17.550	1844914	15.333 ug/ml
18) T n-Dotriacontane (C32)	18.379	1798110	15.709 ug/ml
19) T n-Tetratriacontane (C34)	19.157	1779244	16.461 ug/ml
20) T n-Hexatriacontane (C36)	19.893	1712303	17.146 ug/ml
21) T n-Octatriacontane (C38)	20.598	1628280	17.727 ug/ml
22) T n-Tetracontane (C40)	21.429	1553487	16.332 ug/ml

(f)=RT Delta > 1/2 Window

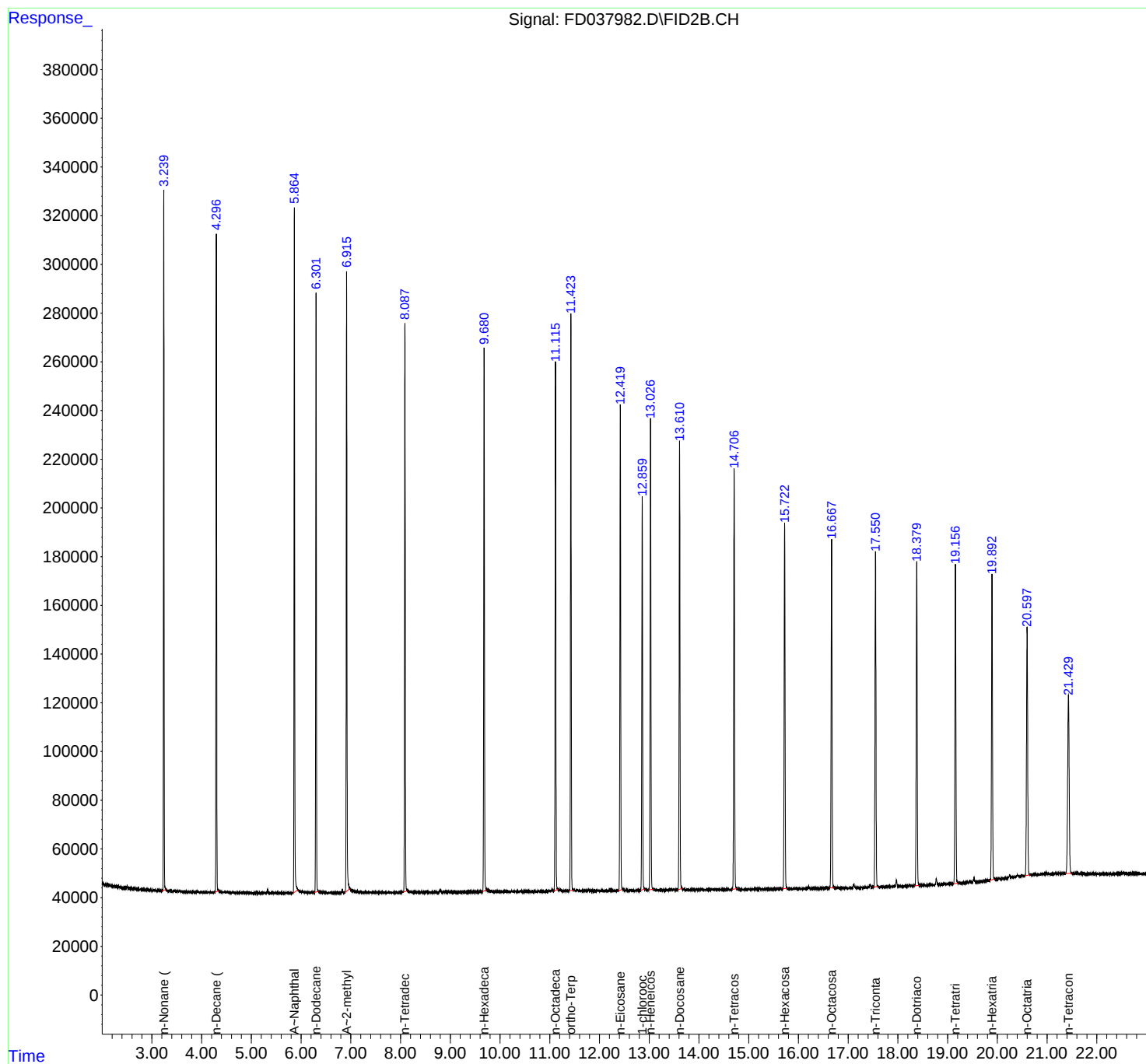
(m)=manual int.

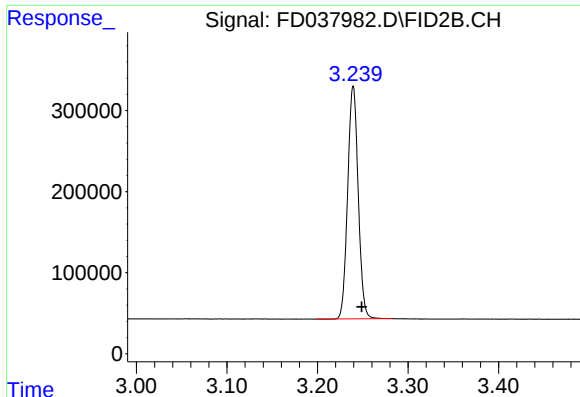
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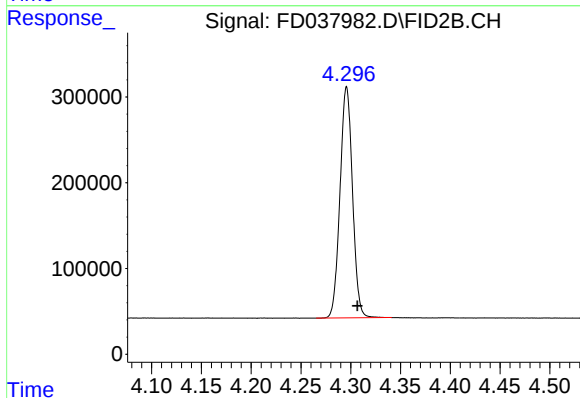




#1 n-Nonane (C9)

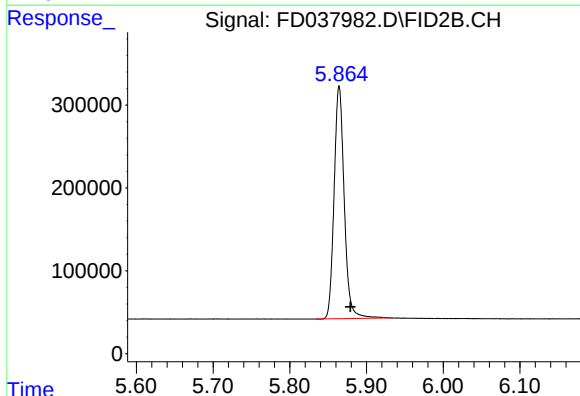
R.T.: 3.240 min
Delta R.T.: -0.009 min
Response: 2324006
Conc: 19.22 ug/ml

Instrument :
FID_D
ClientSampleId :



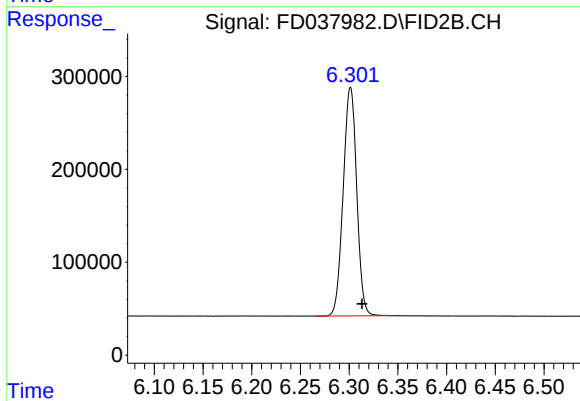
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.011 min
Response: 2356213
Conc: 19.22 ug/ml



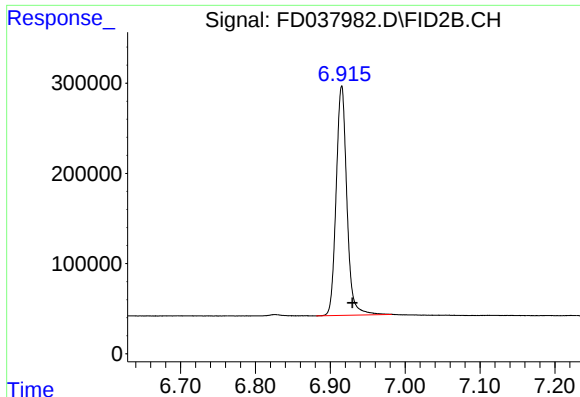
#3 A~Naphthalene (C11.7)

R.T.: 5.864 min
Delta R.T.: -0.015 min
Response: 2579572
Conc: 19.13 ug/ml



#4 n-Dodecane (C12)

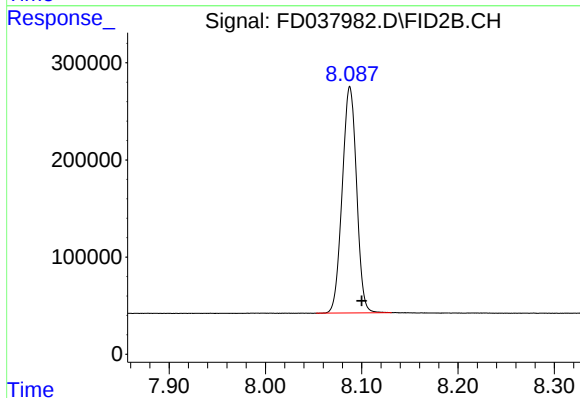
R.T.: 6.302 min
Delta R.T.: -0.012 min
Response: 2380283
Conc: 19.39 ug/ml



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

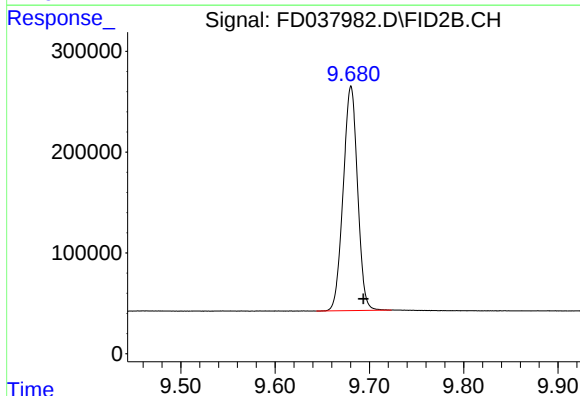
R.T.: 6.915 min
Delta R.T.: -0.014 min
Response: 2529660
Conc: 18.68 ug/ml

Instrument :
FID_D
ClientSampleId :



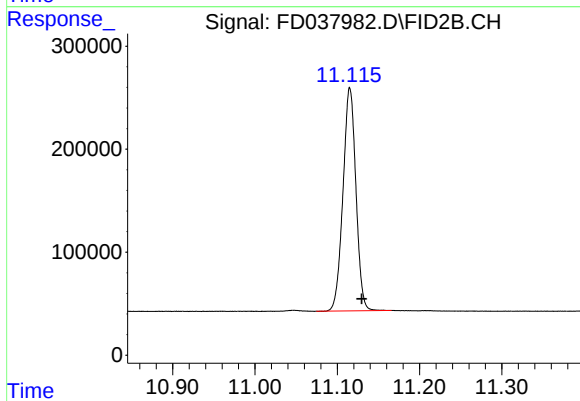
#6 n-Tetradecane (C14)

R.T.: 8.088 min
Delta R.T.: -0.012 min
Response: 2401738
Conc: 19.14 ug/ml



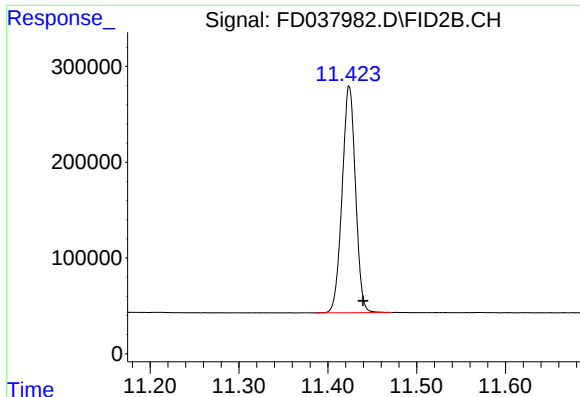
#7 n-Hexadecane (C16)

R.T.: 9.681 min
Delta R.T.: -0.013 min
Response: 2354719
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

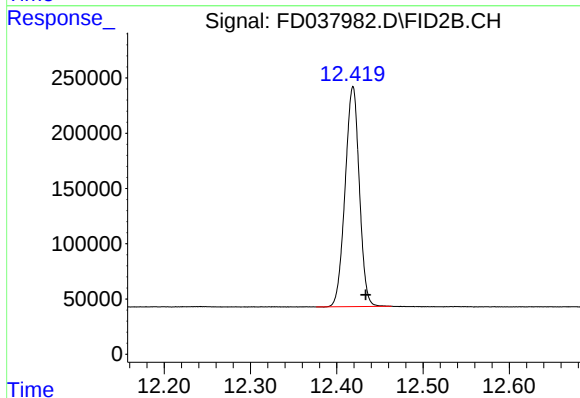
R.T.: 11.115 min
Delta R.T.: -0.015 min
Response: 2366520
Conc: 17.91 ug/ml



#9 ortho-Terphenyl (SURR)

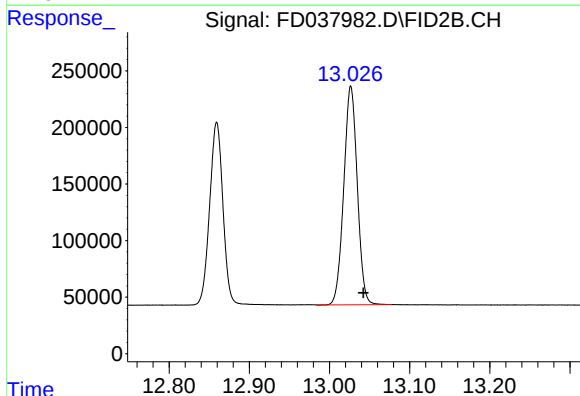
R.T.: 11.424 min
Delta R.T.: -0.016 min
Response: 2476217
Conc: 17.45 ug/ml

Instrument :
FID_D
ClientSampleId :



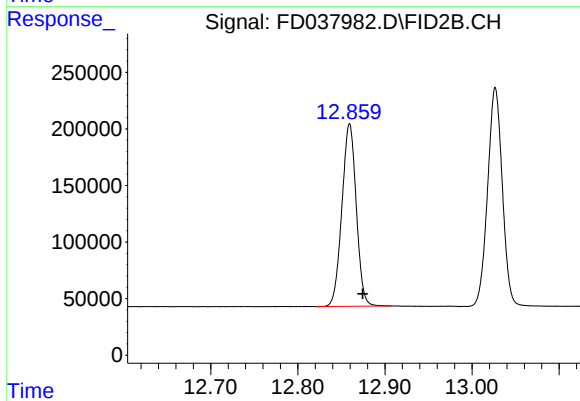
#10 n-Eicosane (C20)

R.T.: 12.419 min
Delta R.T.: -0.015 min
Response: 2281393
Conc: 17.29 ug/ml



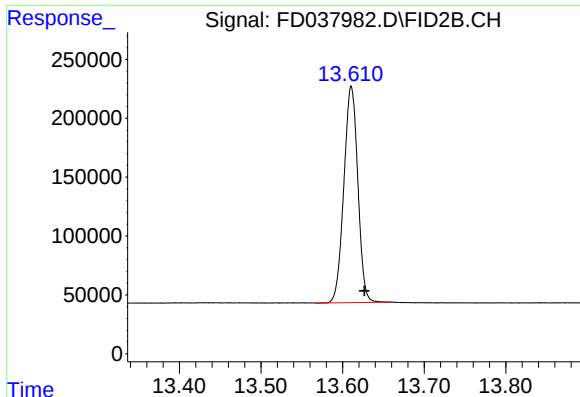
#11 n-Heneicosane (C21)

R.T.: 13.027 min
Delta R.T.: -0.016 min
Response: 2260991
Conc: 17.04 ug/ml



#12 1-chlorooctadecane (SURR)

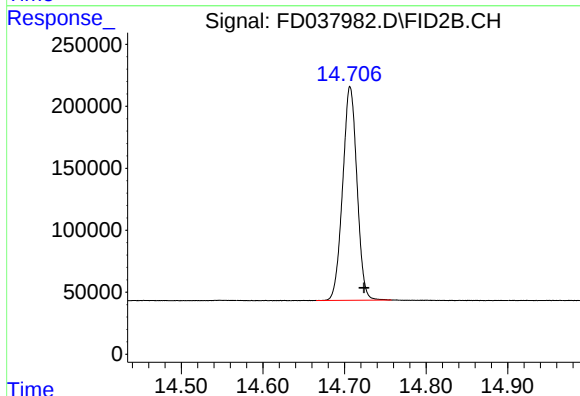
R.T.: 12.859 min
Delta R.T.: -0.015 min
Response: 1847028
Conc: 16.57 ug/ml



#13 n-Docosane (C22)

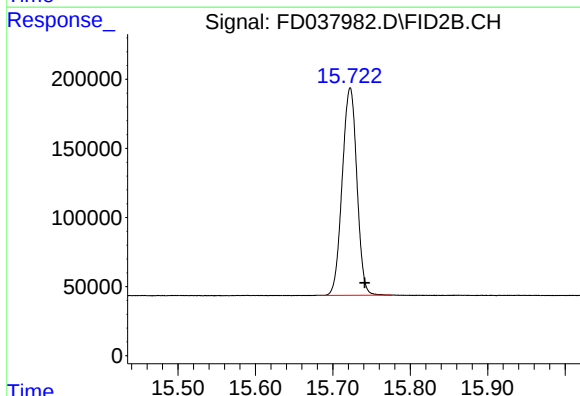
R.T.: 13.611 min
Delta R.T.: -0.016 min
Response: 2185601
Conc: 16.67 ug/ml

Instrument :
FID_D
ClientSampleId :



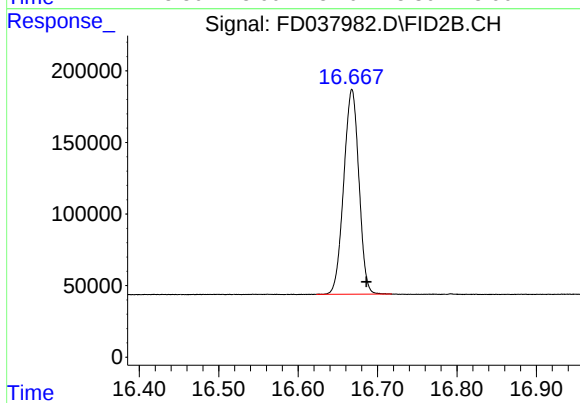
#14 n-Tetracosane (C24)

R.T.: 14.707 min
Delta R.T.: -0.017 min
Response: 2103057
Conc: 16.12 ug/ml



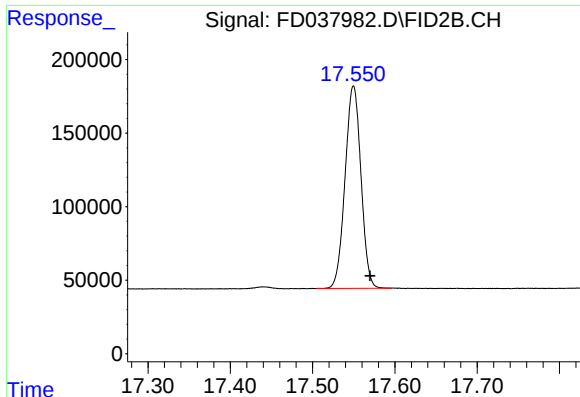
#15 n-Hexacosane (C26)

R.T.: 15.723 min
Delta R.T.: -0.018 min
Response: 1976855
Conc: 15.58 ug/ml



#16 n-Octacosane (C28)

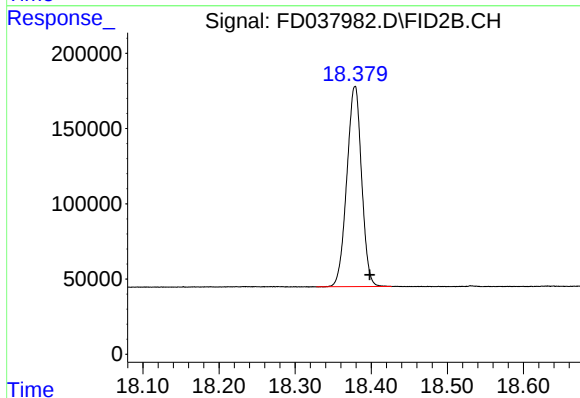
R.T.: 16.668 min
Delta R.T.: -0.018 min
Response: 1896605
Conc: 15.28 ug/ml



#17 n-Tricontane (C30)

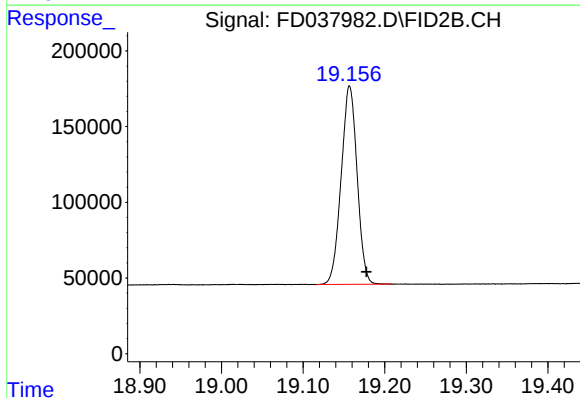
R.T.: 17.550 min
Delta R.T.: -0.020 min
Response: 1844914
Conc: 15.33 ug/ml

Instrument :
FID_D
ClientSampleId :



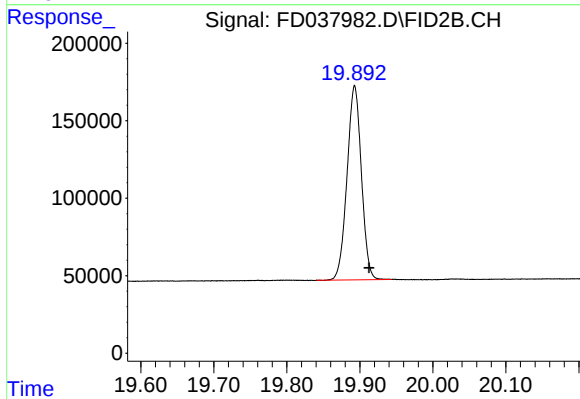
#18 n-Dotriacontane (C32)

R.T.: 18.379 min
Delta R.T.: -0.019 min
Response: 1798110
Conc: 15.71 ug/ml



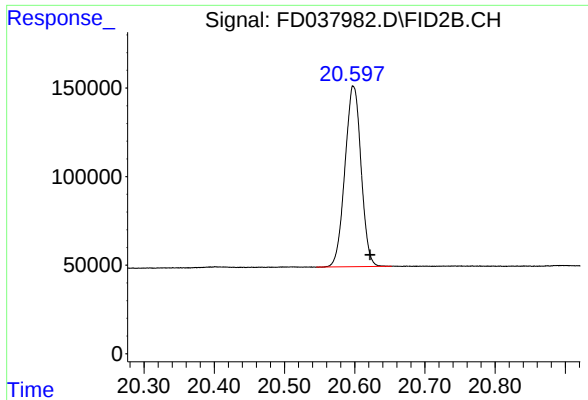
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.021 min
Response: 1779244
Conc: 16.46 ug/ml



#20 n-Hexatriacontane (C36)

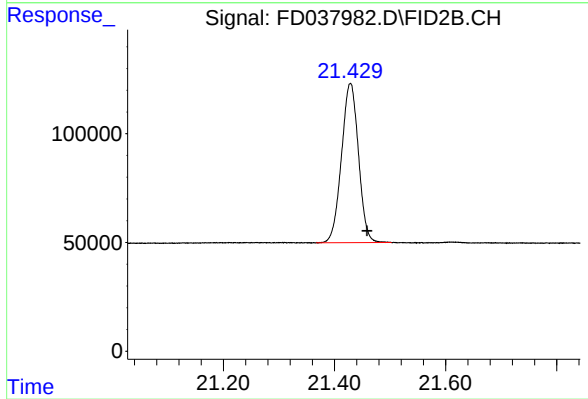
R.T.: 19.893 min
Delta R.T.: -0.020 min
Response: 1712303
Conc: 17.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.598 min
Delta R.T.: -0.024 min
Response: 1628280
Conc: 17.73 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.429 min
Delta R.T.: -0.030 min
Response: 1553487
Conc: 16.33 ug/ml