

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082520AL\
 Data File : FC049230.D
 Signal(s) : FID1A.CH
 Acq On : 26 Aug 2020 6:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 26 07:57:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 2020
 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)	11.681	2305465	19.404 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	13.113	1862668	19.147 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.408	2092900	20.066 ug/ml
2) T n-Decane (C10)	4.484	2133512	20.341 ug/ml
3) T A~Naphthalene (C11.7)	6.085	2421648	20.476 ug/ml
4) T n-Dodecane (C12)	6.511	2201851	20.759 ug/ml
5) T A~2-methylnaphthalene...	7.146	2485658	20.616 ug/ml
6) T n-Tetradecane (C14)	8.311	2229061	21.167 ug/ml
7) T n-Hexadecane (C16)	9.914	2171124	20.685 ug/ml
8) T n-Octadecane (C18)	11.357	2226053	20.263 ug/ml
10) T n-Eicosane (C20)	12.668	2191584	19.694 ug/ml
11) T n-Heneicosane (C21)	13.279	2157023	19.309 ug/ml
13) T n-Docosane (C22)	13.865	2119521	18.857 ug/ml
14) T n-Tetracosane (C24)	14.967	2041423	17.956 ug/ml
15) T n-Hexacosane (C26)	15.988	1955131	17.088 ug/ml
16) T n-Octacosane (C28)	16.936	1912458	16.439 ug/ml
17) T n-Tricontane (C30)	17.824	1849199	15.997 ug/ml
18) T n-Dotriacontane (C32)	18.655	1710880	15.823 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1587585	15.307 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1922968	19.340 ug/ml
21) T n-Octatriacontane (C38)	20.934	1704649	18.027 ug/ml
22) T n-Tetracontane (C40)	21.885	1570792	16.454 ug/ml

(f)=RT Delta > 1/2 Window

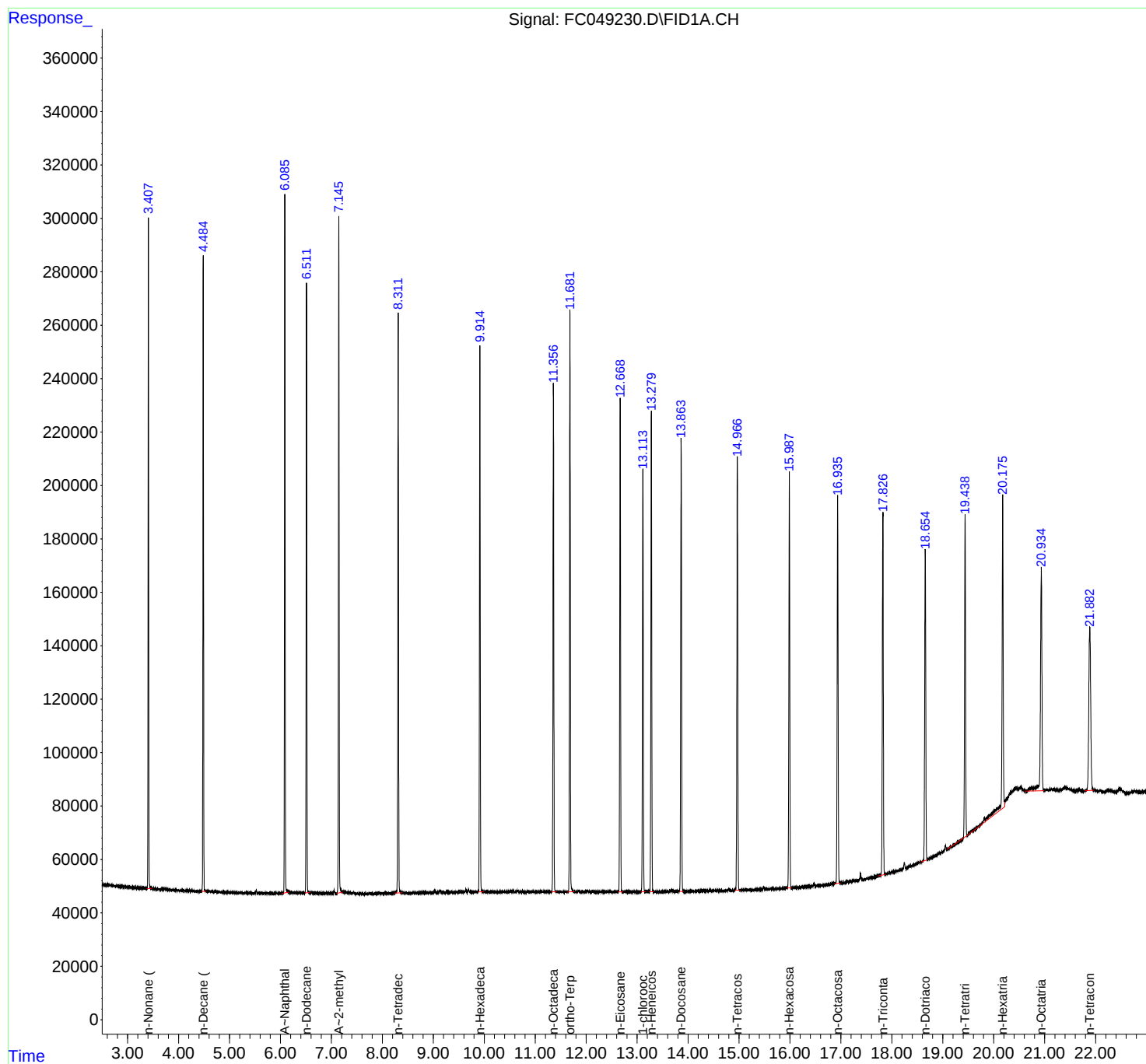
(m)=manual int.

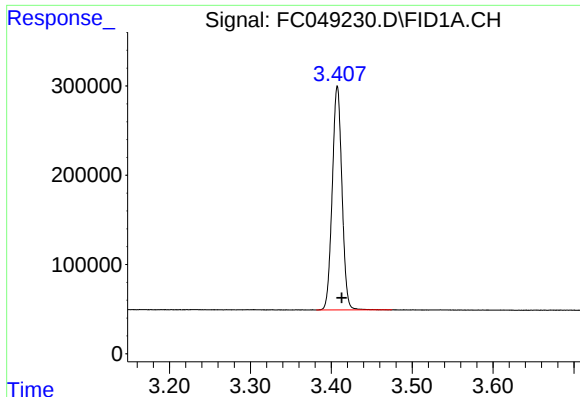
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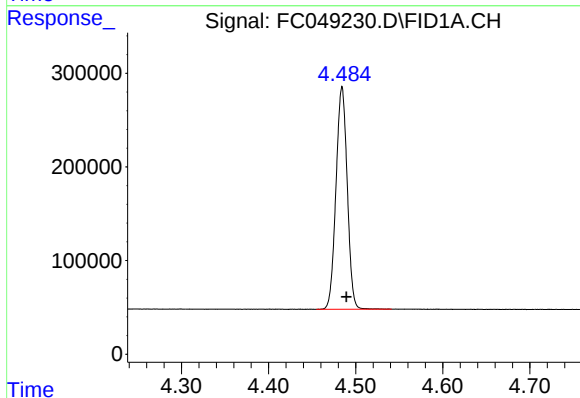




#1 n-Nonane (C9)

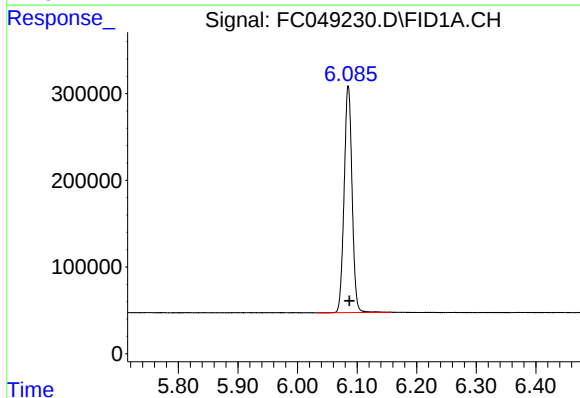
R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2092900
Conc: 20.07 ug/ml

Instrument :
FID_D
ClientSampleId :



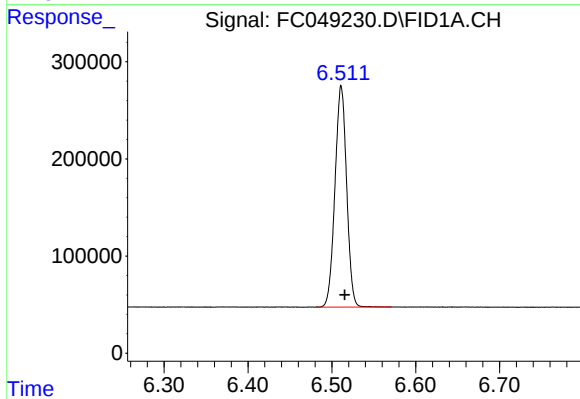
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2133512
Conc: 20.34 ug/ml



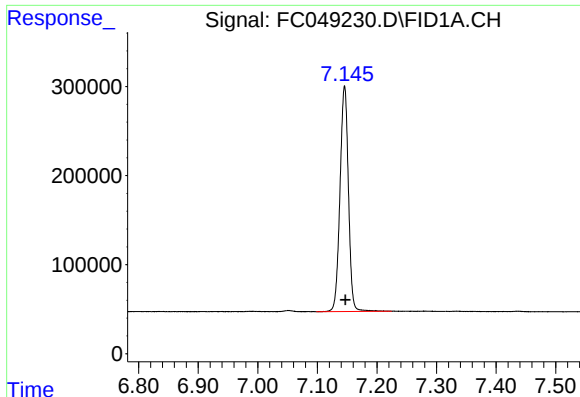
#3 A~Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: -0.002 min
Response: 2421648
Conc: 20.48 ug/ml



#4 n-Dodecane (C12)

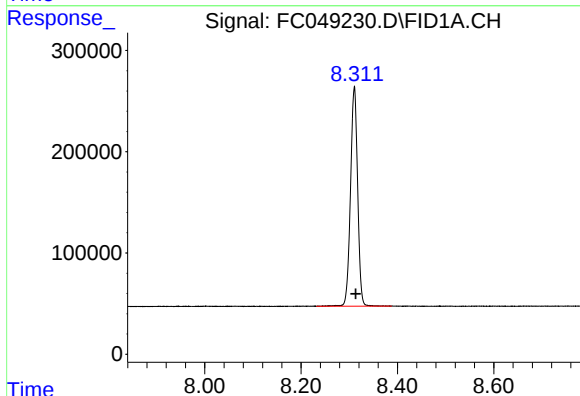
R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 2201851
Conc: 20.76 ug/ml



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

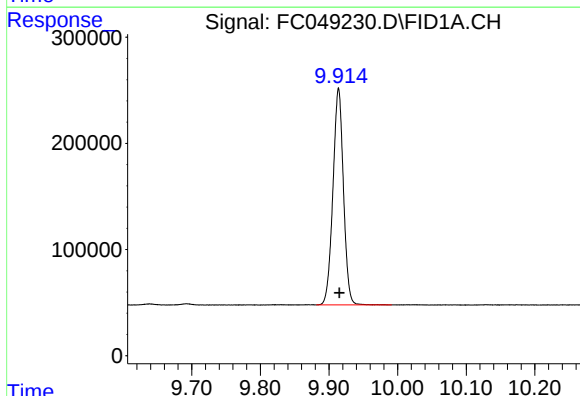
R.T.: 7.146 min
Delta R.T.: -0.002 min
Response: 2485658
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



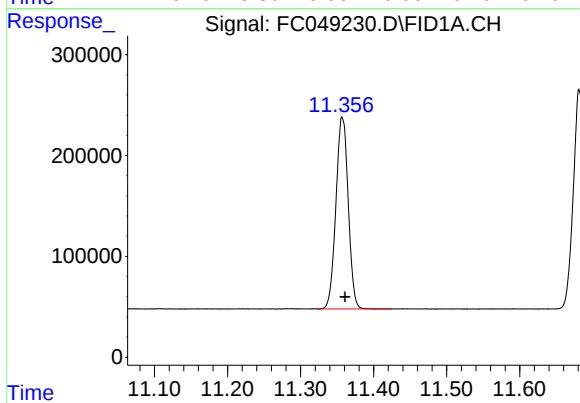
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 2229061
Conc: 21.17 ug/ml



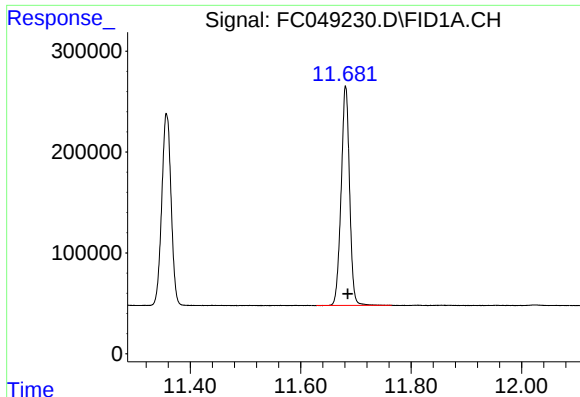
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2171124
Conc: 20.68 ug/ml



#8 n-Octadecane (C18)

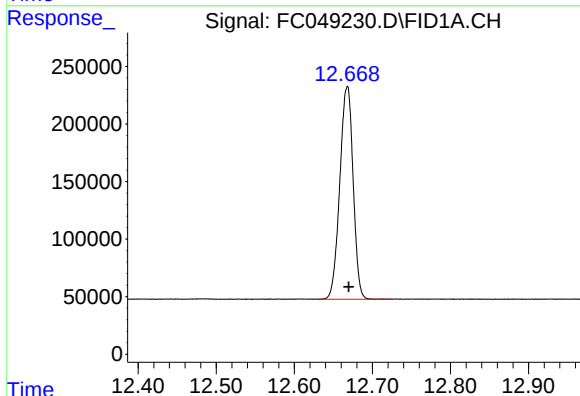
R.T.: 11.357 min
Delta R.T.: -0.004 min
Response: 2226053
Conc: 20.26 ug/ml



#9 ortho-Terphenyl (SURR)

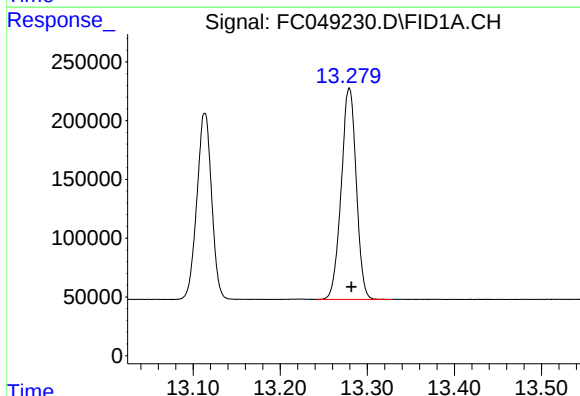
R.T.: 11.681 min
Delta R.T.: -0.004 min
Response: 2305465
Conc: 19.40 ug/ml

Instrument :
FID_D
ClientSampleId :



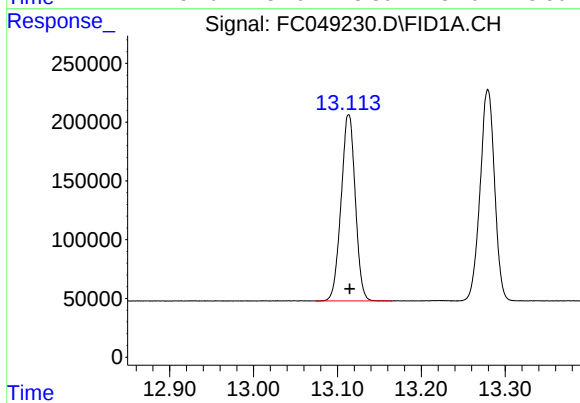
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2191584
Conc: 19.69 ug/ml



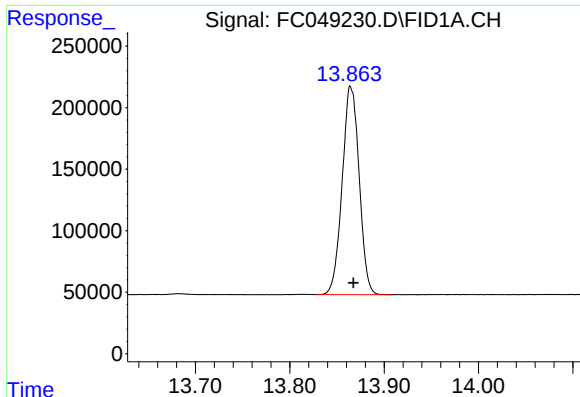
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2157023
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

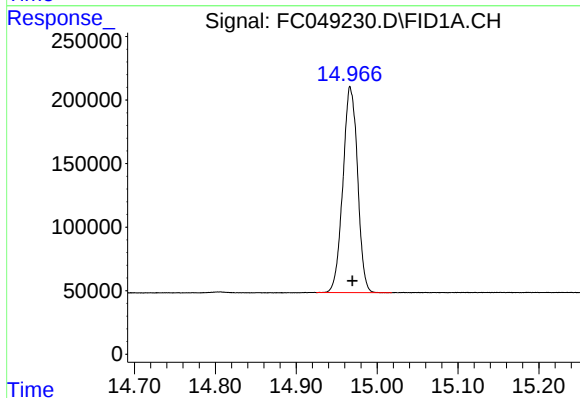
R.T.: 13.113 min
Delta R.T.: -0.001 min
Response: 1862668
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

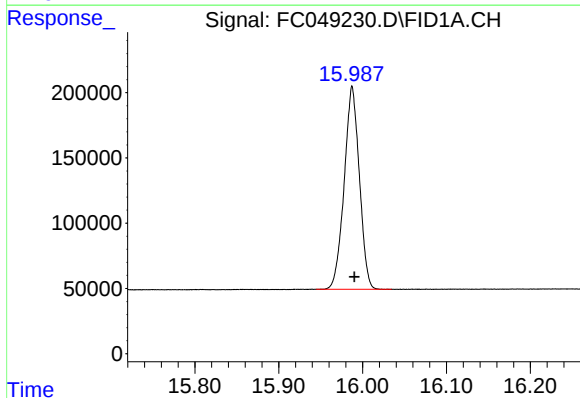
R.T.: 13.865 min
Delta R.T.: -0.002 min
Response: 2119521
Conc: 18.86 ug/ml

Instrument :
FID_D
ClientSampleId :



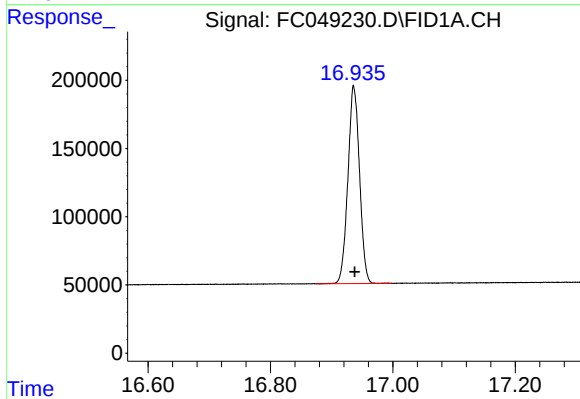
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.002 min
Response: 2041423
Conc: 17.96 ug/ml



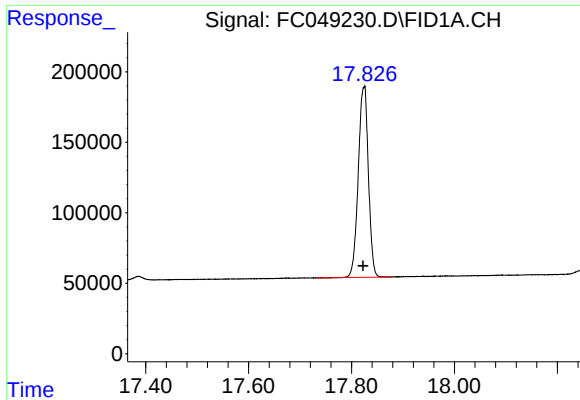
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.003 min
Response: 1955131
Conc: 17.09 ug/ml



#16 n-Octacosane (C28)

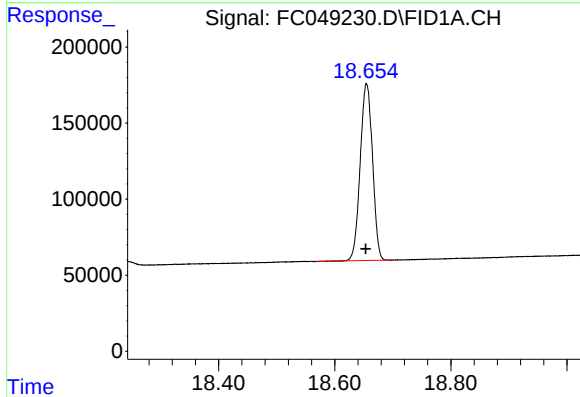
R.T.: 16.936 min
Delta R.T.: -0.001 min
Response: 1912458
Conc: 16.44 ug/ml



#17 n-Tricontane (C30)

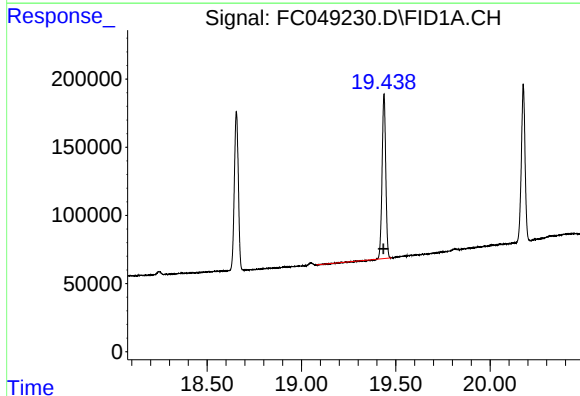
R.T.: 17.824 min
Delta R.T.: 0.001 min
Response: 1849199
Conc: 16.00 ug/ml

Instrument :
FID_D
ClientSampleId :



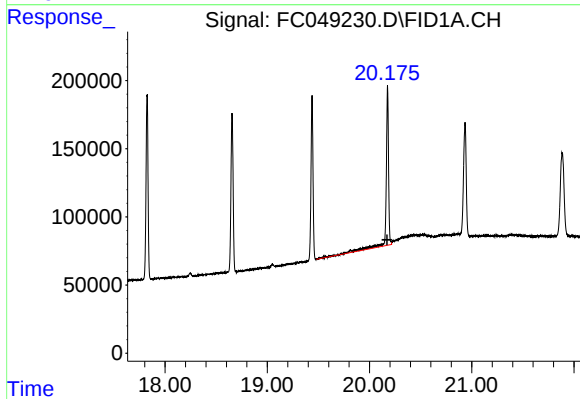
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: 0.001 min
Response: 1710880
Conc: 15.82 ug/ml



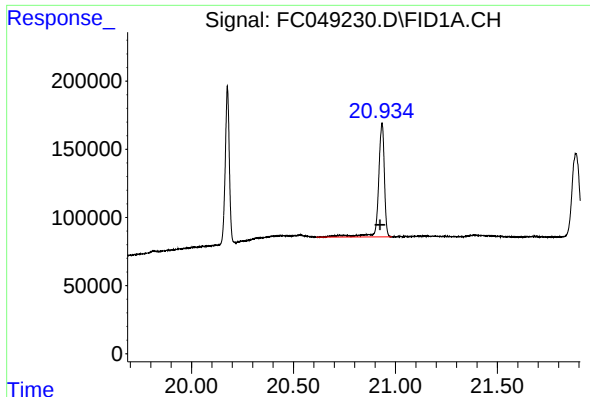
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: 0.003 min
Response: 1587585
Conc: 15.31 ug/ml



#20 n-Hexatriacontane (C36)

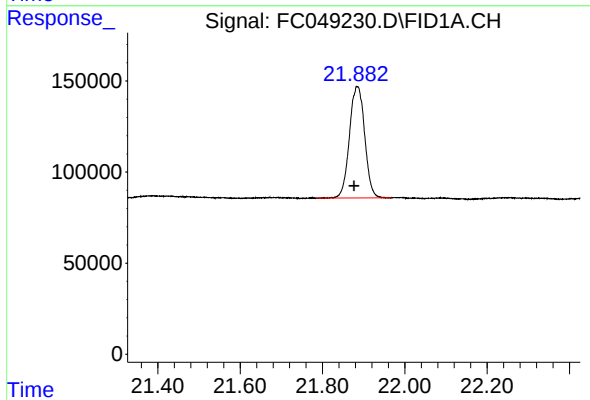
R.T.: 20.176 min
Delta R.T.: 0.004 min
Response: 1922968
Conc: 19.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.010 min
Response: 1704649
Conc: 18.03 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.885 min
Delta R.T.: 0.008 min
Response: 1570792
Conc: 16.45 ug/ml