

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112522AL\
 Data File : FC062290.D
 Signal(s) : FID1A.ch
 Acq On : 26 Nov 2022 02:09
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 28 00:18:52 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111422.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 21 12:12:05 2022
 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)	11.594	2453390	17.974 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
12) S 1-chlorooctadecane (S...	13.031	1837399	18.076 ug/ml
Spiked Amount 50.000		Recovery =	36.15%
Target Compounds			
1) T n-Nonane (C9)	3.343	2401201	17.252 ug/ml
2) T n-Decane (C10)	4.411	2380889	17.597 ug/ml
3) T A~Naphthalene (C11.7)	6.000	2547379	17.388 ug/ml
4) T n-Dodecane (C12)	6.435	2348095	17.577 ug/ml
5) T A~2-methylnaphthalene...	7.059	2310520	17.230 ug/ml
6) T n-Tetradecane (C14)	8.232	2312539	17.715 ug/ml
7) T n-Hexadecane (C16)	9.835	2333271	17.997 ug/ml
8) T n-Octadecane (C18)	11.277	2314448	18.126 ug/ml
10) T n-Eicosane (C20)	12.587	2213373	18.209 ug/ml
11) T n-Heneicosane (C21)	13.200	2189088	18.163 ug/ml
13) T n-Docosane (C22)	13.785	2153032	18.264 ug/ml
14) T n-Tetracosane (C24)	14.887	2121648	18.438 ug/ml
15) T n-Hexacosane (C26)	15.909	2097364	18.823 ug/ml
16) T n-Octacosane (C28)	16.859	2157854	19.681 ug/ml
17) T n-Tricontane (C30)	17.746	2326204	21.242 ug/ml
18) T n-Dotriacontane (C32)	18.578	2407390	21.797 ug/ml
19) T n-Tetratriacontane (C34)	19.361	2305642	21.088 ug/ml
20) T n-Hexatriacontane (C36)	20.098	2112834	20.160 ug/ml
21) T n-Octatriacontane (C38)	20.842	2003771	19.361 ug/ml
22) T n-Tetracontane (C40)	21.768	1921679	18.720 ug/ml

(f)=RT Delta > 1/2 Window

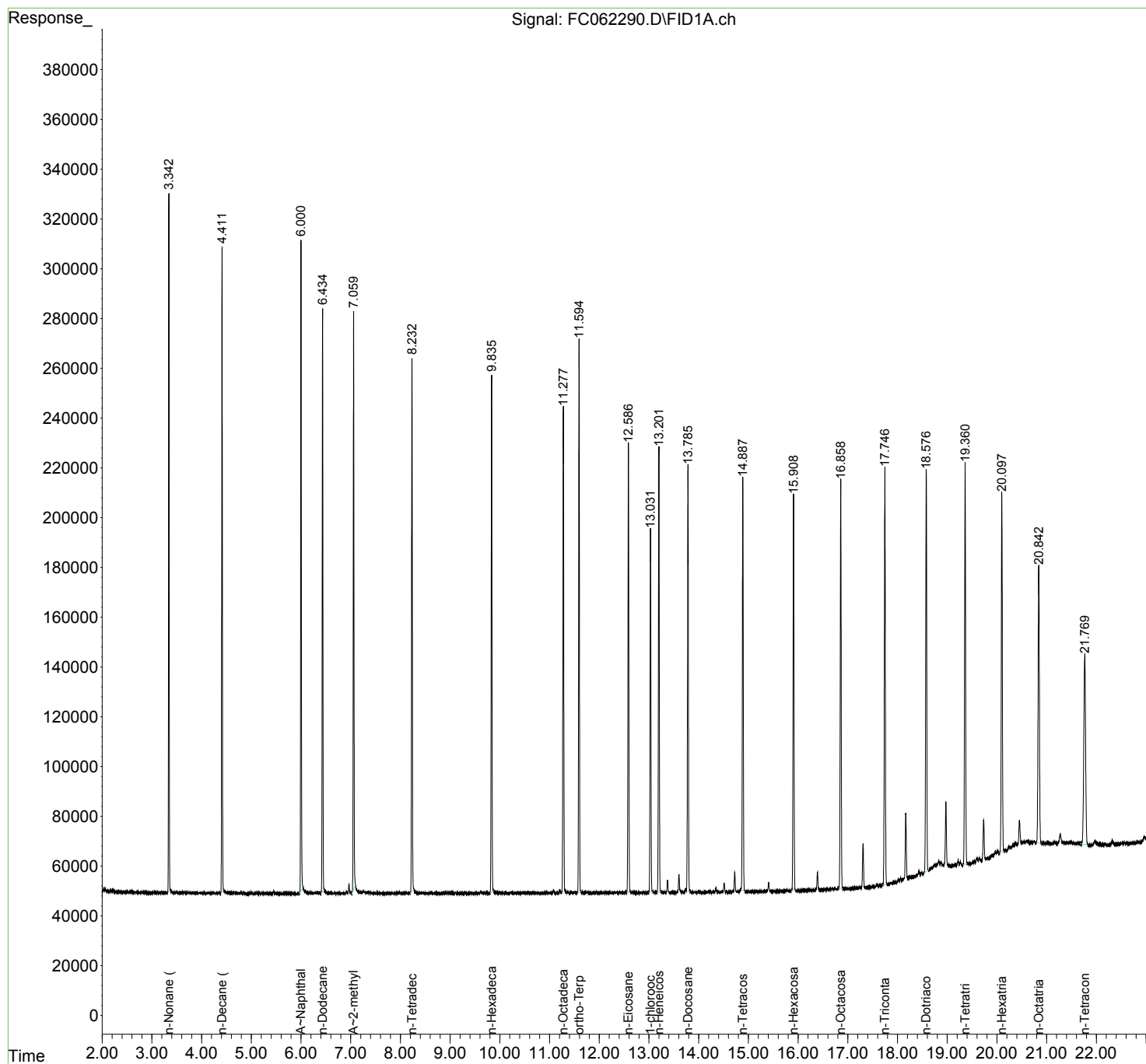
(m)=manual int.

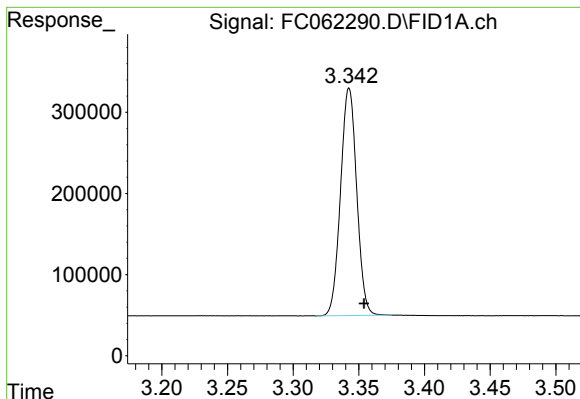
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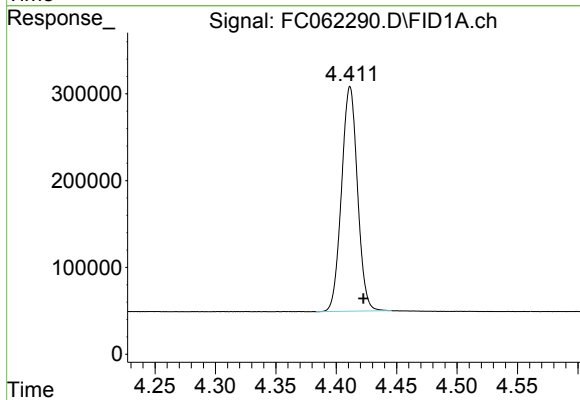




#1 n-Nonane (C9)

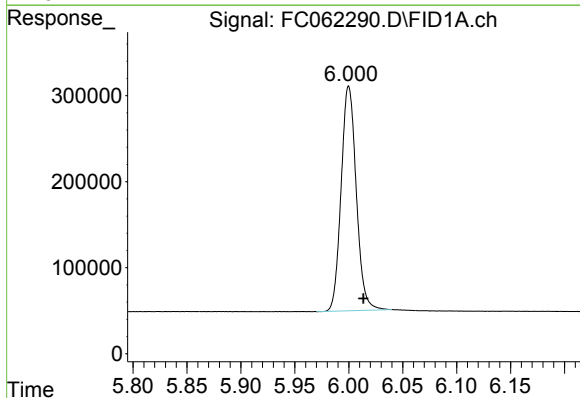
R.T.: 3.343 min
Delta R.T.: -0.011 min
Response: 2401201
Conc: 17.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



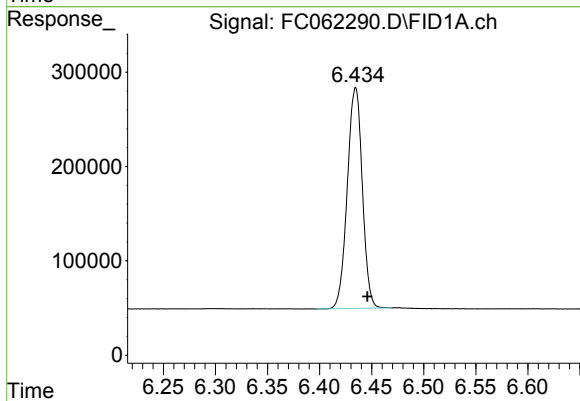
#2 n-Decane (C10)

R.T.: 4.411 min
Delta R.T.: -0.011 min
Response: 2380889
Conc: 17.60 ug/ml



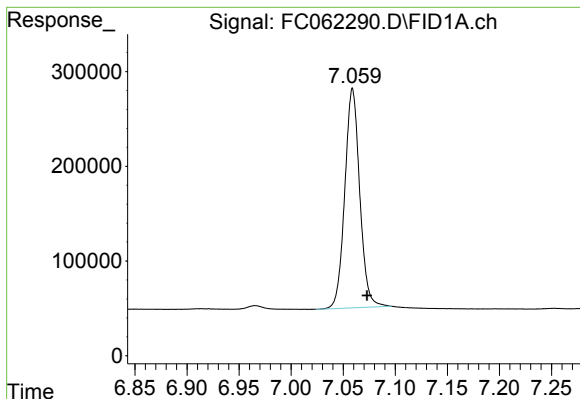
#3 A~Naphthalene (C11.7)

R.T.: 6.000 min
Delta R.T.: -0.014 min
Response: 2547379
Conc: 17.39 ug/ml



#4 n-Dodecane (C12)

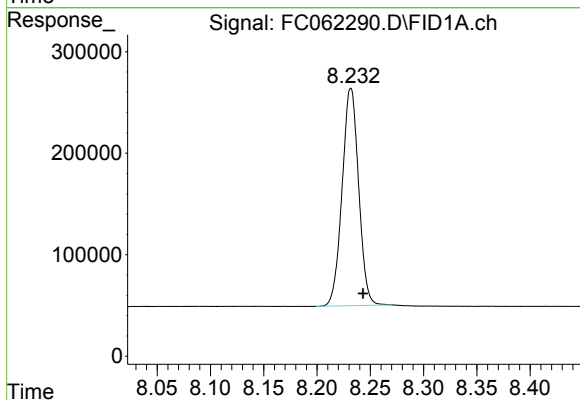
R.T.: 6.435 min
Delta R.T.: -0.011 min
Response: 2348095
Conc: 17.58 ug/ml



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

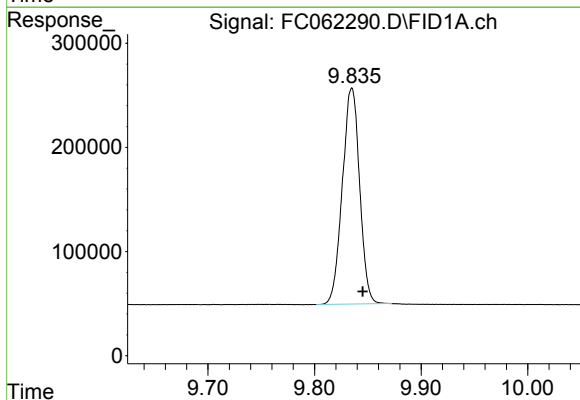
R.T.: 7.059 min
Delta R.T.: -0.014 min
Response: 2310520
Conc: 17.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



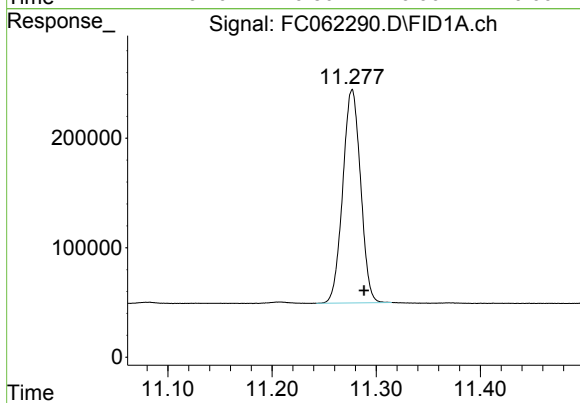
#6 n-Tetradecane (C14)

R.T.: 8.232 min
Delta R.T.: -0.011 min
Response: 2312539
Conc: 17.71 ug/ml



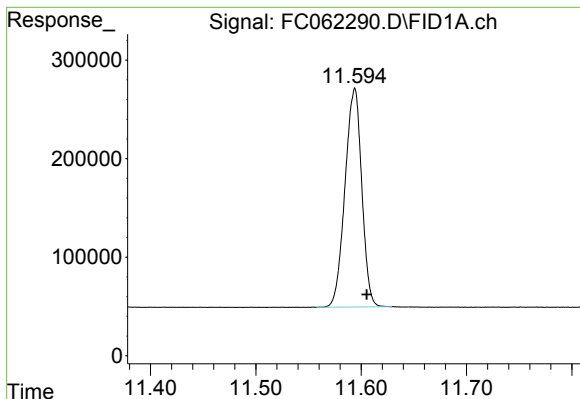
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.010 min
Response: 2333271
Conc: 18.00 ug/ml



#8 n-Octadecane (C18)

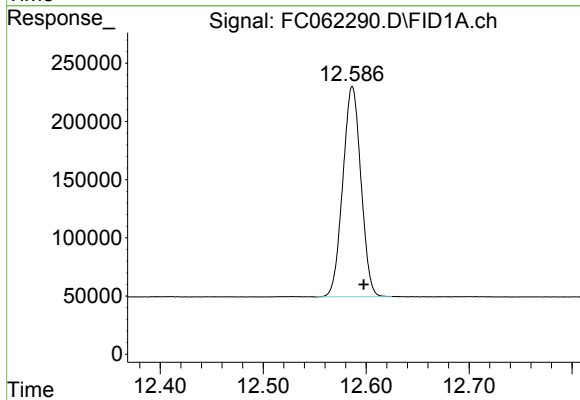
R.T.: 11.277 min
Delta R.T.: -0.011 min
Response: 2314448
Conc: 18.13 ug/ml



#9 ortho-Terphenyl (SURR)

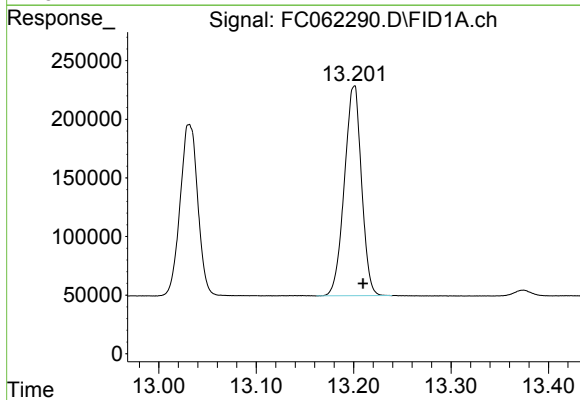
R.T.: 11.594 min
Delta R.T.: -0.012 min
Response: 2453390
Conc: 17.97 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



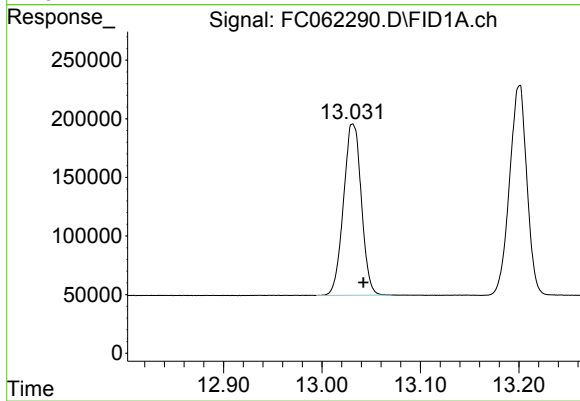
#10 n-Eicosane (C20)

R.T.: 12.587 min
Delta R.T.: -0.011 min
Response: 2213373
Conc: 18.21 ug/ml



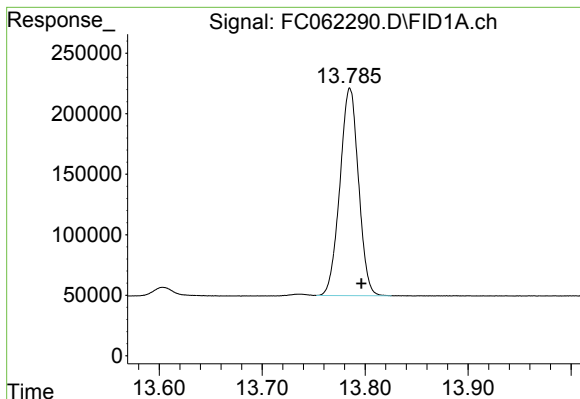
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: -0.009 min
Response: 2189088
Conc: 18.16 ug/ml



#12 1-chlorooctadecane (SURR)

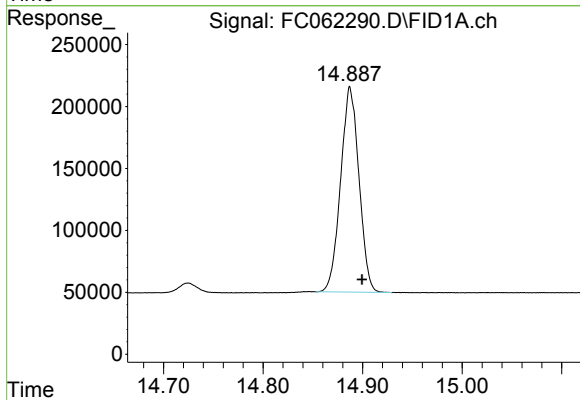
R.T.: 13.031 min
Delta R.T.: -0.011 min
Response: 1837399
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

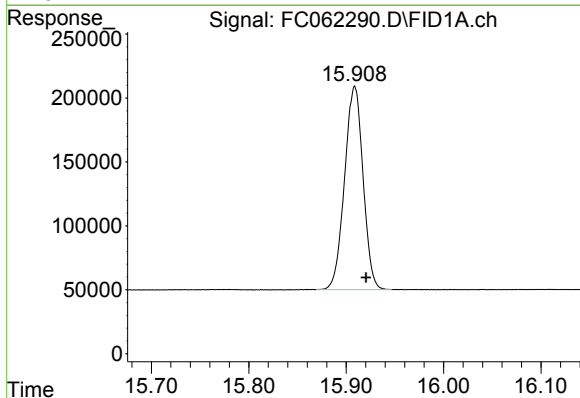
R.T.: 13.785 min
Delta R.T.: -0.011 min
Response: 2153032
Conc: 18.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



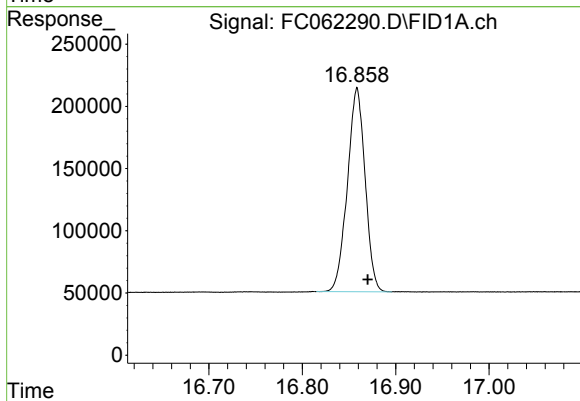
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.012 min
Response: 2121648
Conc: 18.44 ug/ml



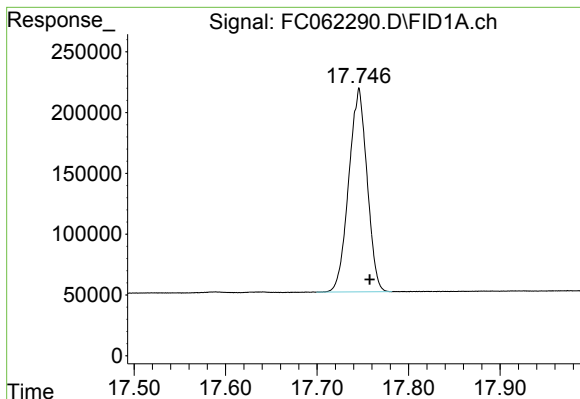
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: -0.012 min
Response: 2097364
Conc: 18.82 ug/ml



#16 n-Octacosane (C28)

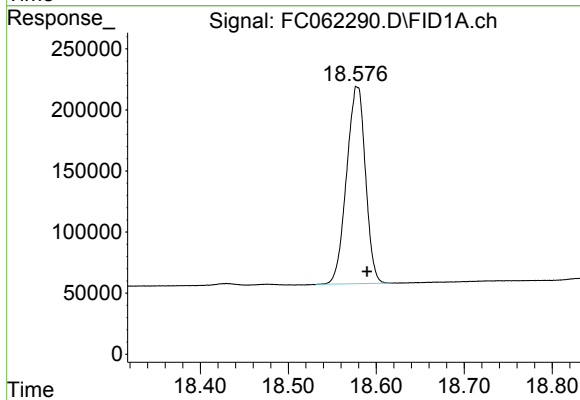
R.T.: 16.859 min
Delta R.T.: -0.011 min
Response: 2157854
Conc: 19.68 ug/ml



#17 n-Tricontane (C30)

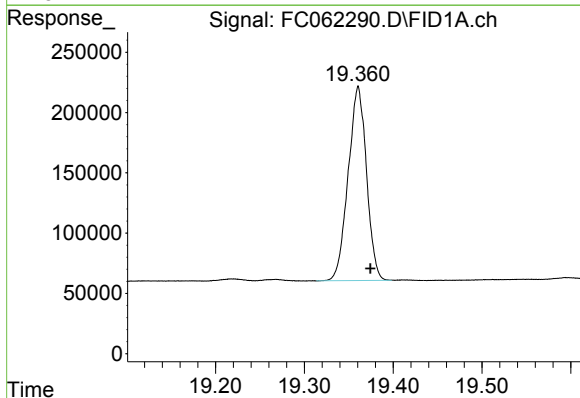
R.T.: 17.746 min
Delta R.T.: -0.012 min
Response: 2326204
Conc: 21.24 ug/ml

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ClientSampleId :
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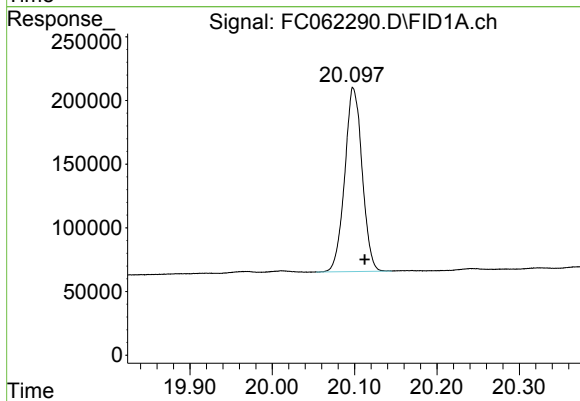
#18 n-Dotriacontane (C32)

R.T.: 18.578 min
Delta R.T.: -0.011 min
Response: 2407390
Conc: 21.80 ug/ml



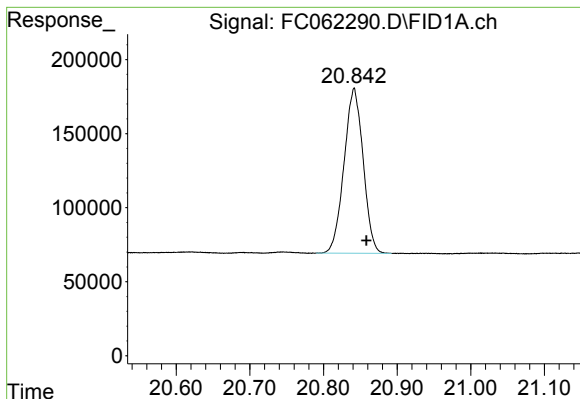
#19 n-Tetratriacontane (C34)

R.T.: 19.361 min
Delta R.T.: -0.014 min
Response: 2305642
Conc: 21.09 ug/ml



#20 n-Hexatriacontane (C36)

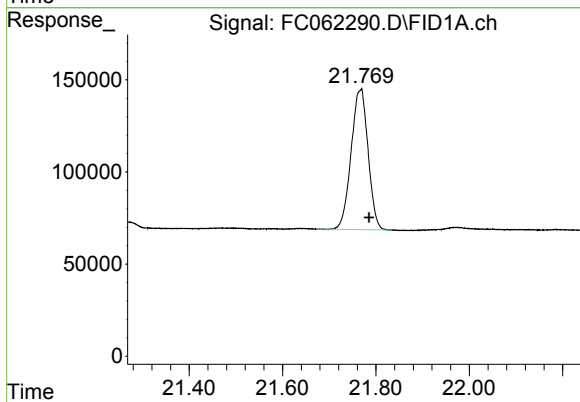
R.T.: 20.098 min
Delta R.T.: -0.014 min
Response: 2112834
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.842 min
Delta R.T.: -0.017 min
Response: 2003771
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.768 min
Delta R.T.: -0.017 min
Response: 1921679
Conc: 18.72 ug/ml