

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061422AL\
 Data File : FC060227.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jun 2022 12:50
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 14 14:58:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 2022
 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)	10.645	2907250	18.681 ug/ml
Spiked Amount 50.000		Recovery =	37.36%
12) S 1-chlorooctadecane (S...	12.013	2305678	18.596 ug/ml
Spiked Amount 50.000		Recovery =	37.19%
Target Compounds			
1) T n-Nonane (C9)	2.624	2494645	19.491 ug/ml
2) T n-Decane (C10)	3.623	2474580	19.343 ug/ml
3) T A~Naphthalene (C11.7)	5.161	2770500	19.168 ug/ml
4) T n-Dodecane (C12)	5.575	2598262	19.491 ug/ml
5) T A~2-methylnaphthalene...	6.186	2808116	19.133 ug/ml
6) T n-Tetradecane (C14)	7.326	2645732	19.381 ug/ml
7) T n-Hexadecane (C16)	8.890	2713984	19.343 ug/ml
8) T n-Octadecane (C18)	10.299	2732691	19.095 ug/ml
10) T n-Eicosane (C20)	11.578	2688142	18.842 ug/ml
11) T n-Heneicosane (C21)	12.176	2682544	18.715 ug/ml
13) T n-Docosane (C22)	12.749	2587542	18.158 ug/ml
14) T n-Tetracosane (C24)	13.826	2568567	18.304 ug/ml
15) T n-Hexacosane (C26)	14.824	2429879	17.944 ug/ml
16) T n-Octacosane (C28)	15.752	2331880	17.905 ug/ml
17) T n-Tricontane (C30)	16.618	2202451	17.990 ug/ml
18) T n-Dotriacontane (C32)	17.433	2046964	18.359 ug/ml
19) T n-Tetratriacontane (C34)	18.198	1913235	18.758 ug/ml
20) T n-Hexatriacontane (C36)	18.920	1820152	19.220 ug/ml
21) T n-Octatriacontane (C38)	19.603	1796157	19.468 ug/ml
22) T n-Tetracontane (C40)	20.252	1829148	19.441 ug/ml

(f)=RT Delta > 1/2 Window

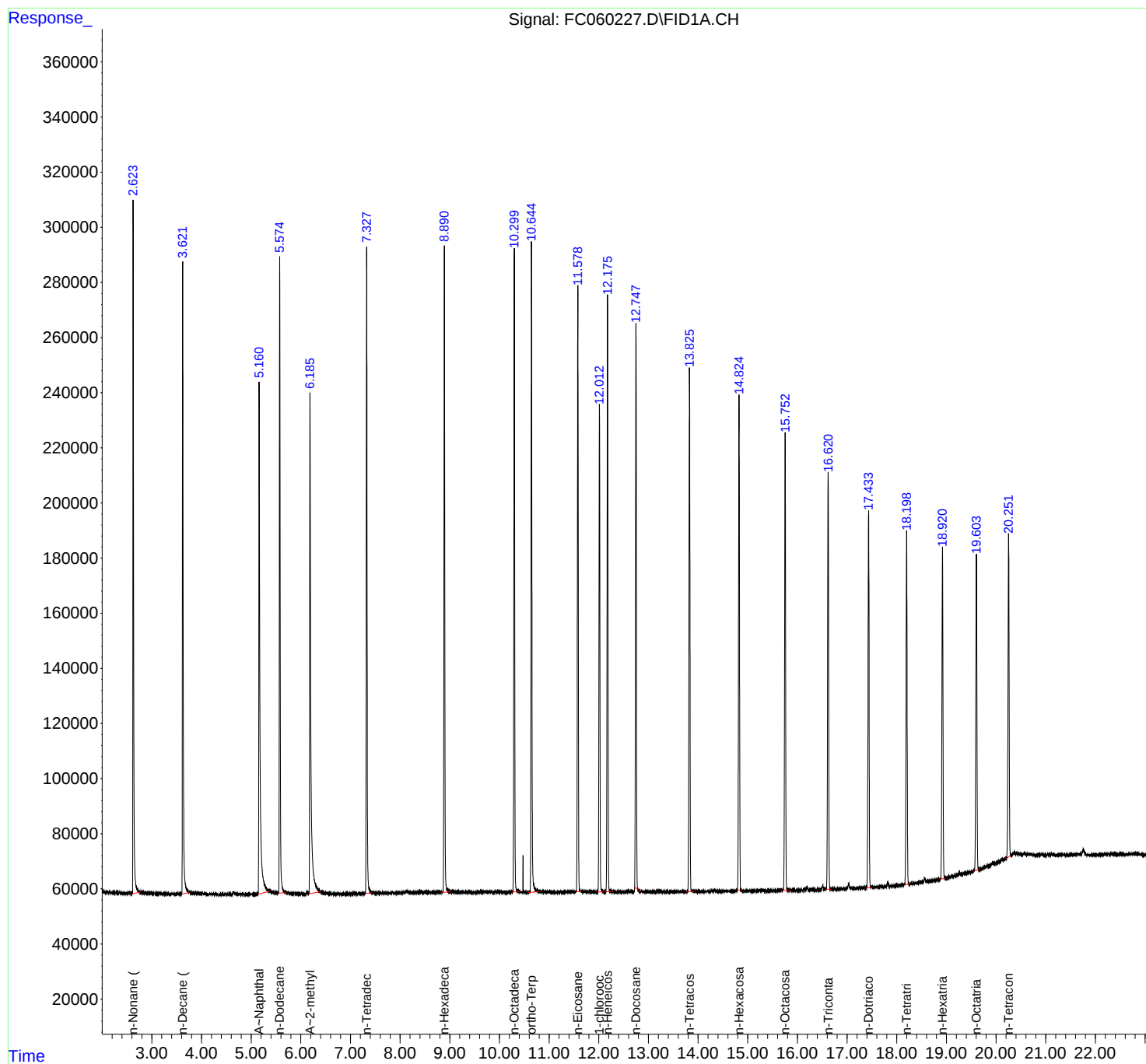
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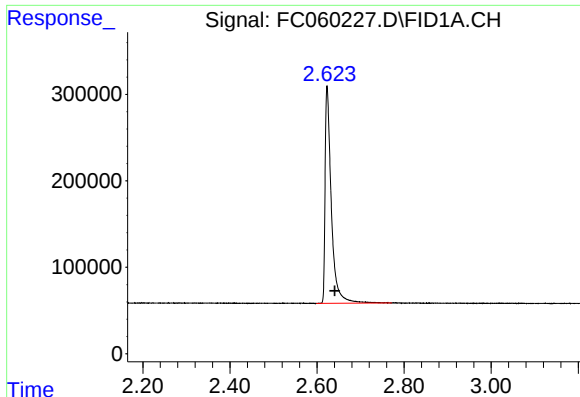
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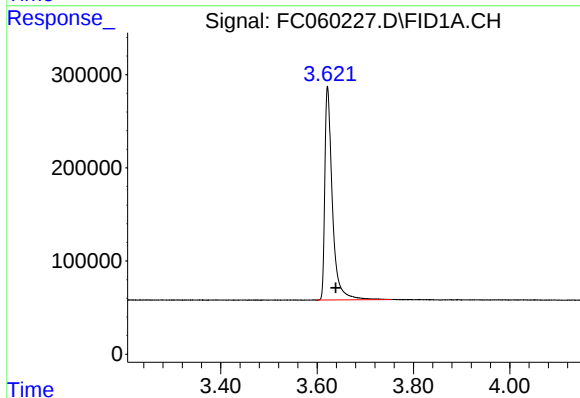




#1 n-Nonane (C9)

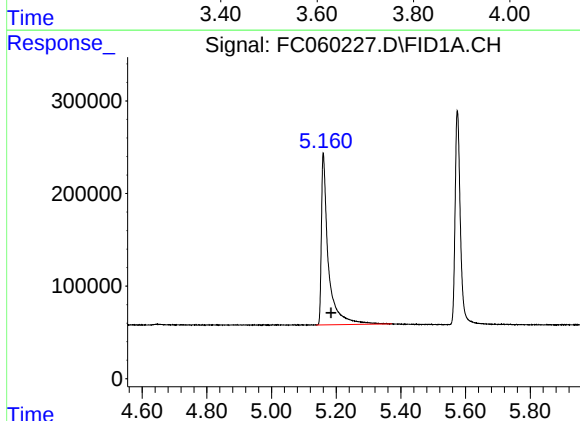
R.T.: 2.624 min
Delta R.T.: -0.017 min
Response: 2494645
Conc: 19.49 ug/ml

Instrument :
FID_C
ClientSampleId :



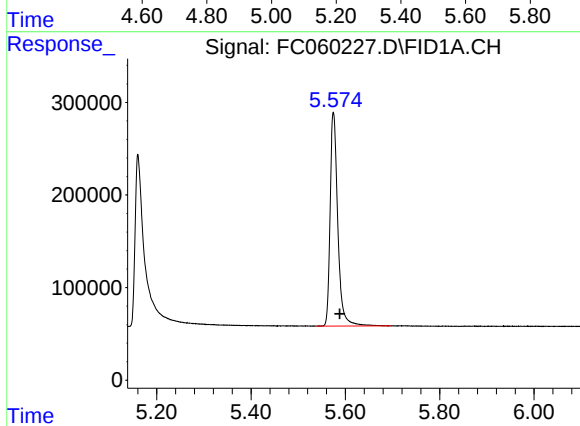
#2 n-Decane (C10)

R.T.: 3.623 min
Delta R.T.: -0.016 min
Response: 2474580
Conc: 19.34 ug/ml



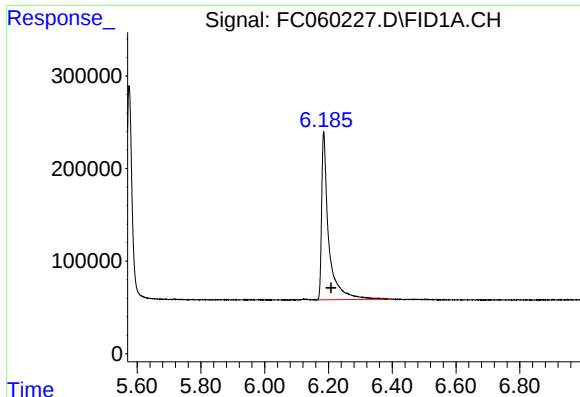
#3 A~Naphthalene (C11.7)

R.T.: 5.161 min
Delta R.T.: -0.023 min
Response: 2770500
Conc: 19.17 ug/ml



#4 n-Dodecane (C12)

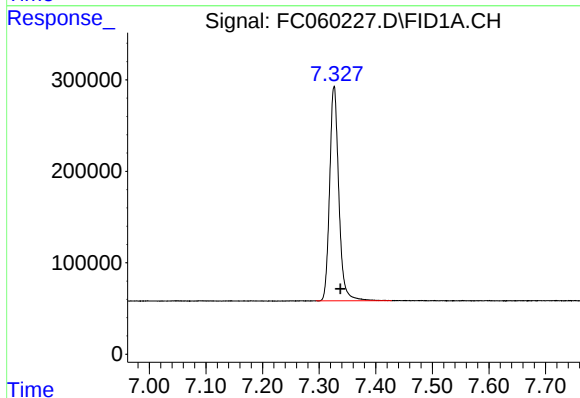
R.T.: 5.575 min
Delta R.T.: -0.013 min
Response: 2598262
Conc: 19.49 ug/ml



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

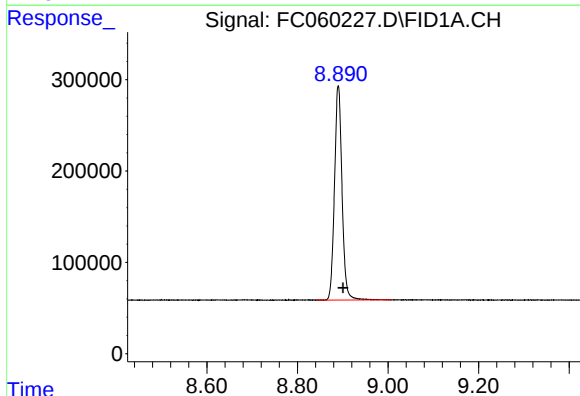
R.T.: 6.186 min
Delta R.T.: -0.023 min
Response: 2808116
Conc: 19.13 ug/ml

Instrument :
FID_C
ClientSampleId :



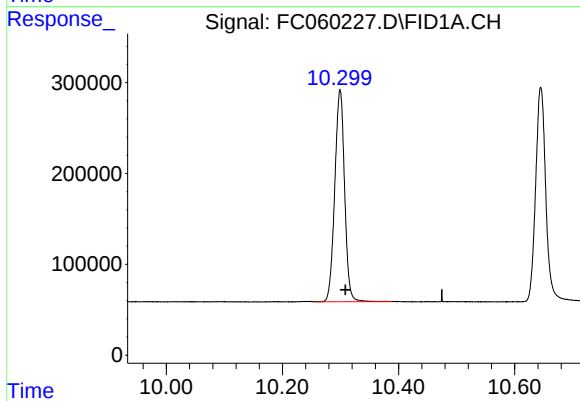
#6 n-Tetradecane (C14)

R.T.: 7.326 min
Delta R.T.: -0.011 min
Response: 2645732
Conc: 19.38 ug/ml



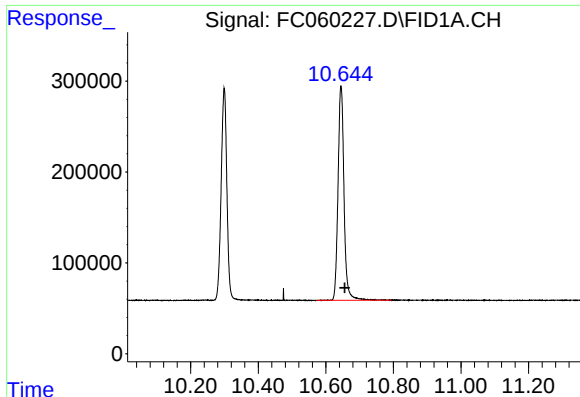
#7 n-Hexadecane (C16)

R.T.: 8.890 min
Delta R.T.: -0.011 min
Response: 2713984
Conc: 19.34 ug/ml



#8 n-Octadecane (C18)

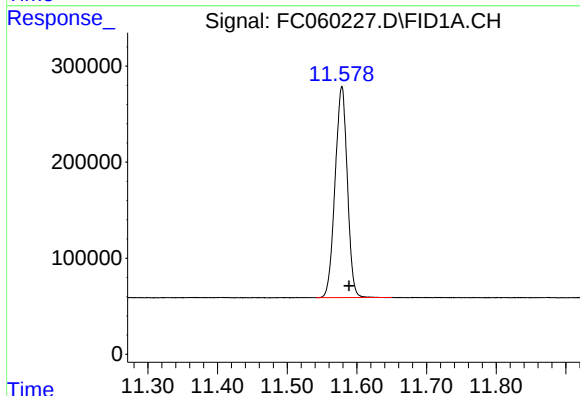
R.T.: 10.299 min
Delta R.T.: -0.009 min
Response: 2732691
Conc: 19.10 ug/ml



#9 ortho-Terphenyl (SURR)

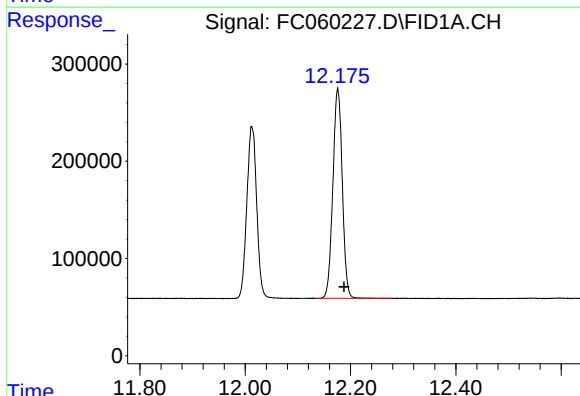
R.T.: 10.645 min
Delta R.T.: -0.011 min
Response: 2907250
Conc: 18.68 ug/ml

Instrument :
FID_C
ClientSampleId :



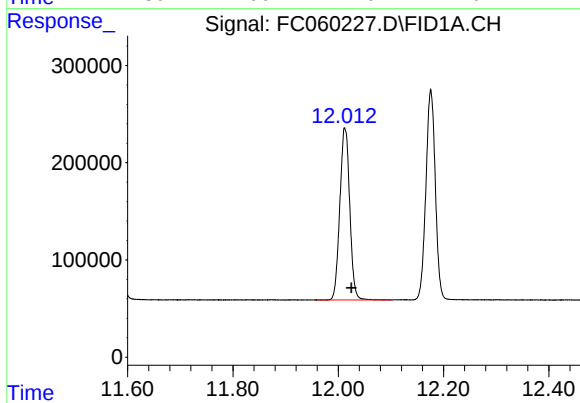
#10 n-Eicosane (C20)

R.T.: 11.578 min
Delta R.T.: -0.011 min
Response: 2688142
Conc: 18.84 ug/ml



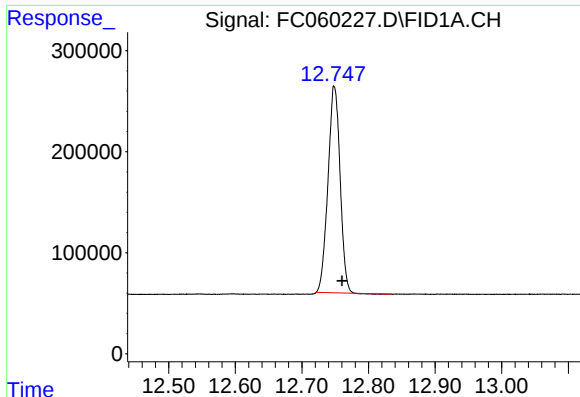
#11 n-Heneicosane (C21)

R.T.: 12.176 min
Delta R.T.: -0.012 min
Response: 2682544
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

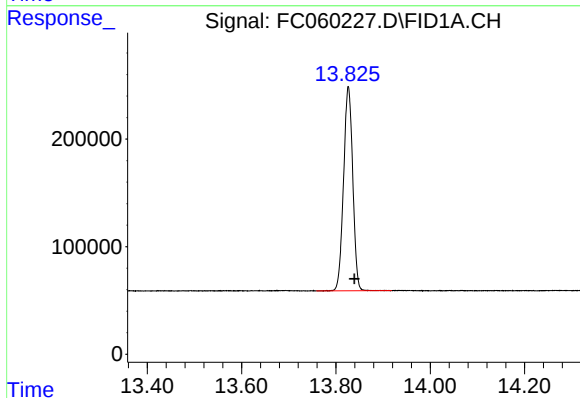
R.T.: 12.013 min
Delta R.T.: -0.012 min
Response: 2305678
Conc: 18.60 ug/ml



#13 n-Docosane (C22)

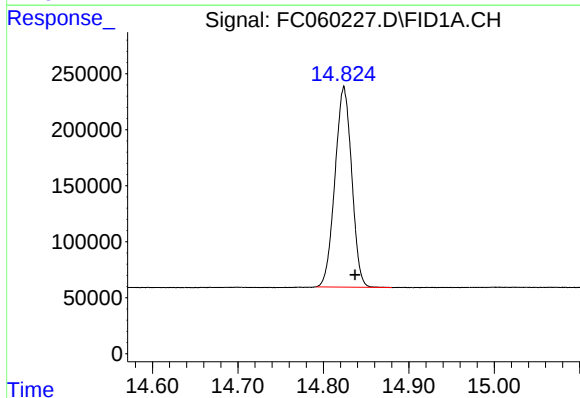
R.T.: 12.749 min
Delta R.T.: -0.012 min
Response: 2587542
Conc: 18.16 ug/ml

Instrument :
FID_C
ClientSampleId :



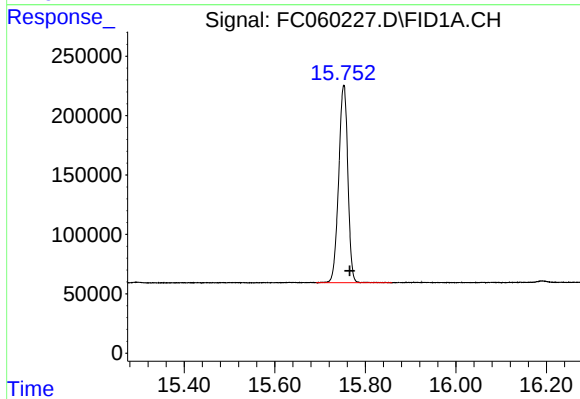
#14 n-Tetracosane (C24)

R.T.: 13.826 min
Delta R.T.: -0.013 min
Response: 2568567
Conc: 18.30 ug/ml



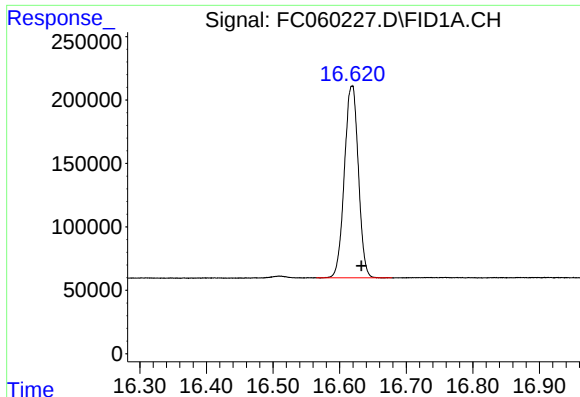
#15 n-Hexacosane (C26)

R.T.: 14.824 min
Delta R.T.: -0.013 min
Response: 2429879
Conc: 17.94 ug/ml



#16 n-Octacosane (C28)

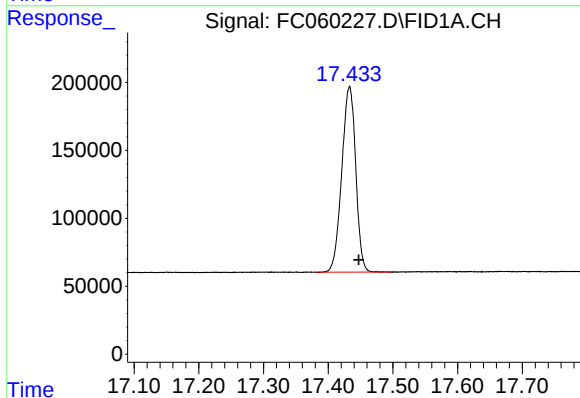
R.T.: 15.752 min
Delta R.T.: -0.014 min
Response: 2331880
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

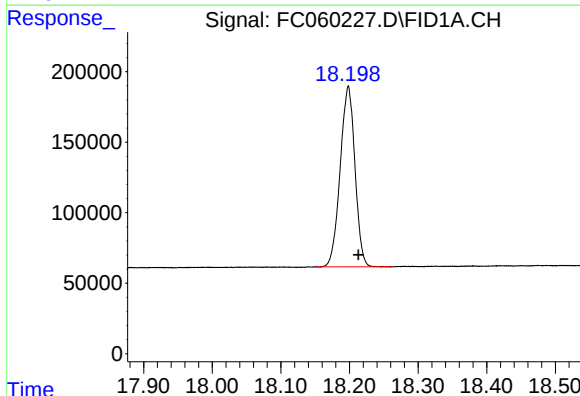
R.T.: 16.618 min
Delta R.T.: -0.015 min
Response: 2202451
Conc: 17.99 ug/ml

Instrument :
FID_C
ClientSampleId :



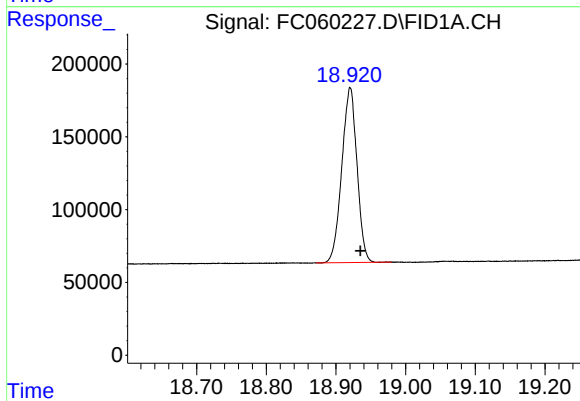
#18 n-Dotriacontane (C32)

R.T.: 17.433 min
Delta R.T.: -0.015 min
Response: 2046964
Conc: 18.36 ug/ml



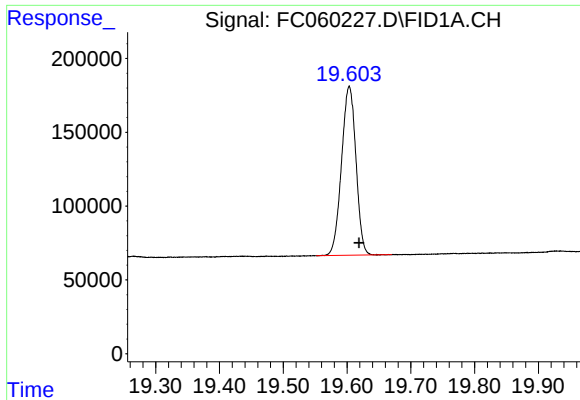
#19 n-Tetratriacontane (C34)

R.T.: 18.198 min
Delta R.T.: -0.015 min
Response: 1913235
Conc: 18.76 ug/ml



#20 n-Hexatriacontane (C36)

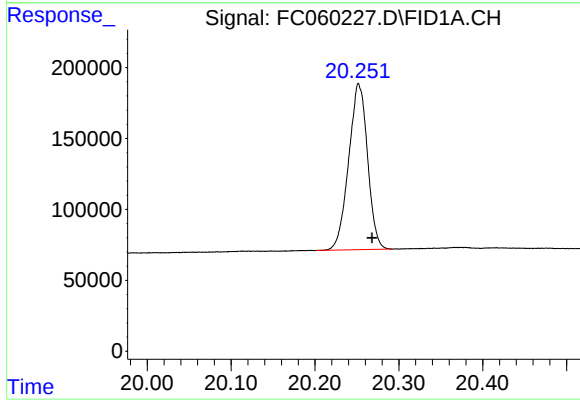
R.T.: 18.920 min
Delta R.T.: -0.015 min
Response: 1820152
Conc: 19.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.603 min
Delta R.T.: -0.016 min
Response: 1796157
Conc: 19.47 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.252 min
Delta R.T.: -0.016 min
Response: 1829148
Conc: 19.44 ug/ml