

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020222AL\
 Data File : FC058243.D
 Signal(s) : FID1A.CH
 Acq On : 02 Feb 2022 21:36
 Operator : AJ\MA
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Feb 02 22:31:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020222.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 02 22:29:11 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)	10.687	2166268	10.913 ug/ml
Spiked Amount 50.000		Recovery =	21.83%
12) S 1-chlorooctadecane (S...	12.126	1617508	10.692 ug/ml
Spiked Amount 50.000		Recovery =	21.38%
Target Compounds			
1) T n-Nonane (C9)	2.624	1816454	10.881 ug/ml
2) T n-Decane (C10)	3.612	1842319	10.839 ug/ml
3) T A~Naphthalene (C11.7)	5.149	2030544	10.787 ug/ml
4) T n-Dodecane (C12)	5.582	1869943	10.948 ug/ml
5) T A~2-methylnaphthalene...	6.189	2027734	10.795 ug/ml
6) T n-Tetradecane (C14)	7.361	1889947	10.851 ug/ml
7) T n-Hexadecane (C16)	8.951	1913909	10.911 ug/ml
8) T n-Octadecane (C18)	10.385	1939323	10.783 ug/ml
10) T n-Eicosane (C20)	11.687	1905299	10.820 ug/ml
11) T n-Heneicosane (C21)	12.295	1907702	10.812 ug/ml
13) T n-Docosane (C22)	12.879	1868354	10.758 ug/ml
14) T n-Tetracosane (C24)	13.976	1837673	10.772 ug/ml
15) T n-Hexacosane (C26)	14.992	1756803	10.724 ug/ml
16) T n-Octacosane (C28)	15.939	1722377	10.760 ug/ml
17) T n-Tricontane (C30)	16.822	1698399	10.958 ug/ml
18) T n-Dotriacontane (C32)	17.652	1724728	11.641 ug/ml
19) T n-Tetratriacontane (C34)	18.433	1533782	11.313 ug/ml
20) T n-Hexatriacontane (C36)	19.172	1416279	11.323 ug/ml
21) T n-Octatriacontane (C38)	19.874	1328951	11.258 ug/ml
22) T n-Tetracontane (C40)	20.694	1305031	11.106 ug/ml

(f)=RT Delta > 1/2 Window

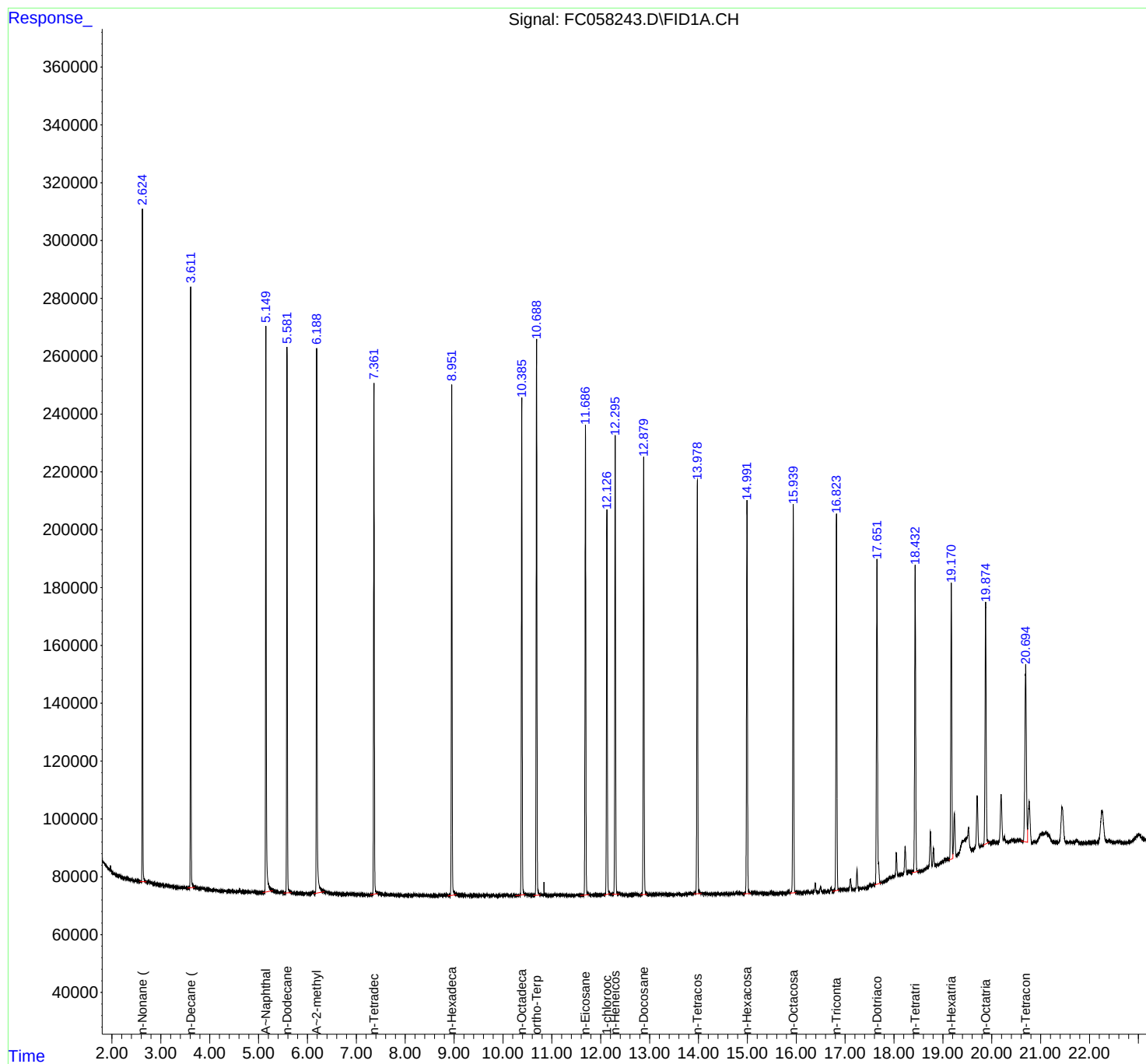
(m)=manual int.

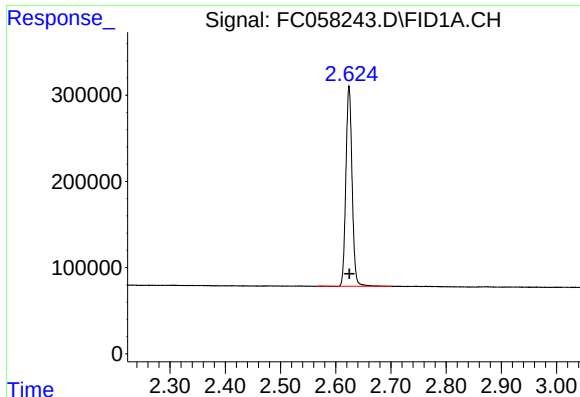
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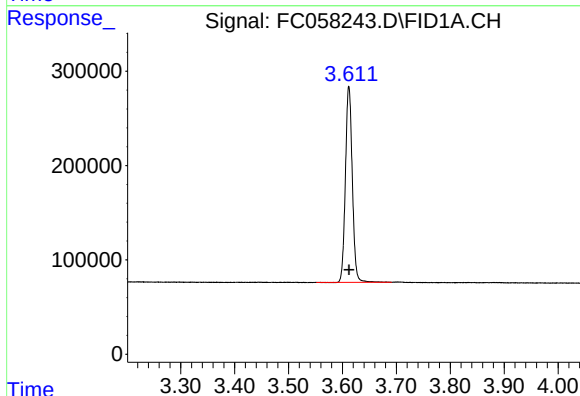




#1 n-Nonane (C9)

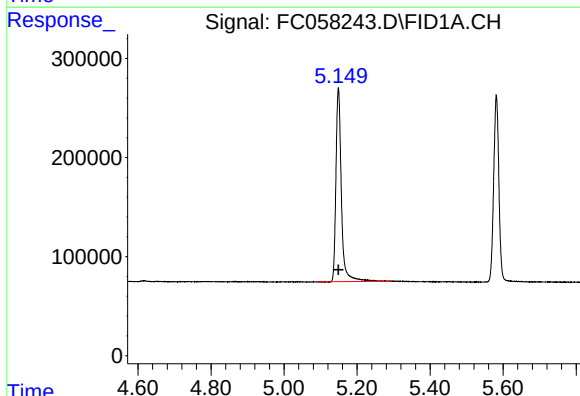
R.T.: 2.624 min
Delta R.T.: 0.000 min
Response: 1816454
Conc: 10.88 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



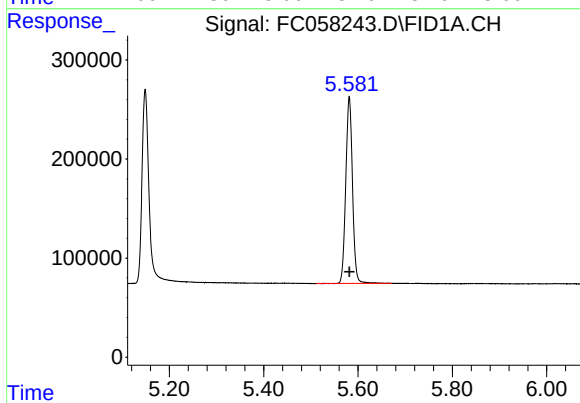
#2 n-Decane (C10)

R.T.: 3.612 min
Delta R.T.: 0.000 min
Response: 1842319
Conc: 10.84 ug/ml



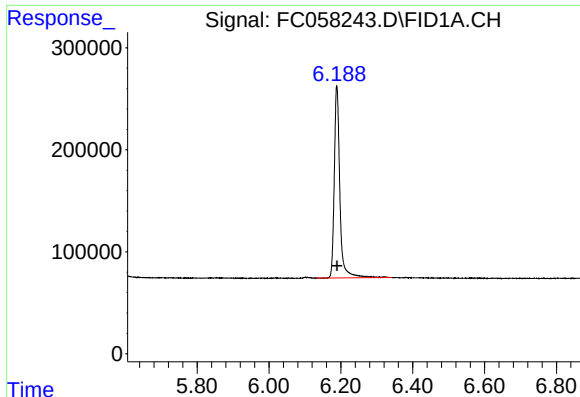
#3 A~Naphthalene (C11.7)

R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 2030544
Conc: 10.79 ug/ml



#4 n-Dodecane (C12)

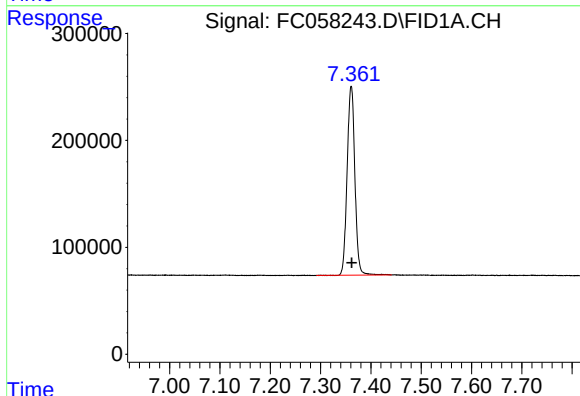
R.T.: 5.582 min
Delta R.T.: 0.000 min
Response: 1869943
Conc: 10.95 ug/ml



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

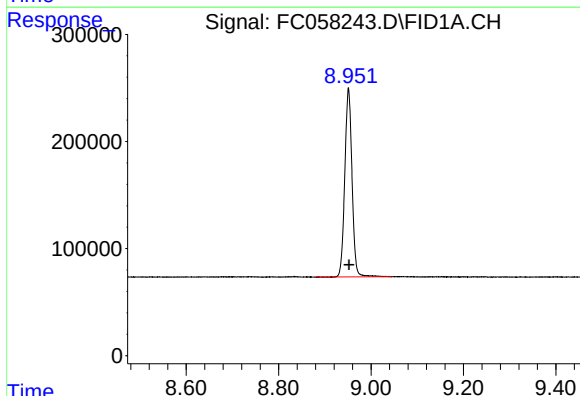
R.T.: 6.189 min
Delta R.T.: 0.000 min
Response: 2027734
Conc: 10.79 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



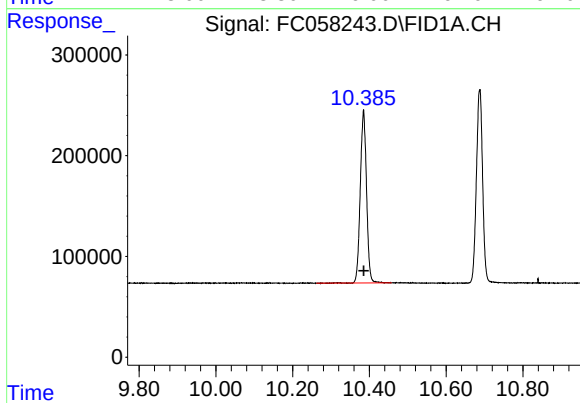
#6 n-Tetradecane (C14)

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 1889947
Conc: 10.85 ug/ml



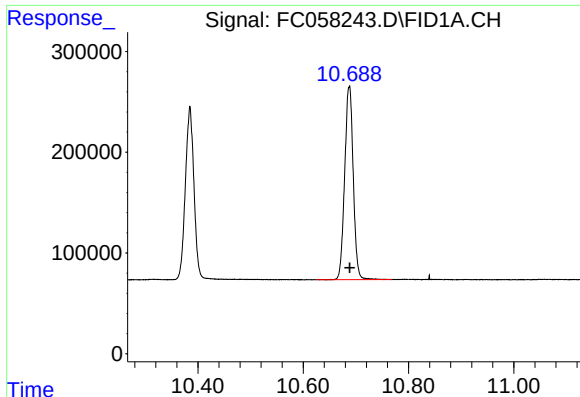
#7 n-Hexadecane (C16)

R.T.: 8.951 min
Delta R.T.: -0.001 min
Response: 1913909
Conc: 10.91 ug/ml



#8 n-Octadecane (C18)

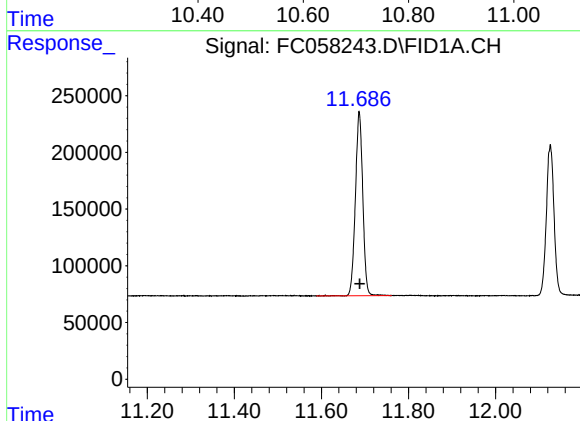
R.T.: 10.385 min
Delta R.T.: 0.000 min
Response: 1939323
Conc: 10.78 ug/ml



#9 ortho-Terphenyl (SURR)

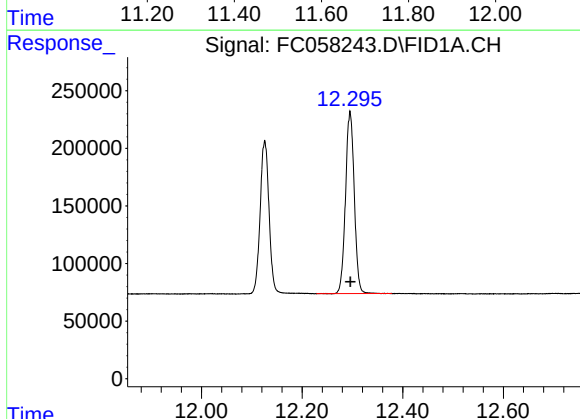
R.T.: 10.687 min
Delta R.T.: -0.001 min
Response: 2166268
Conc: 10.91 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



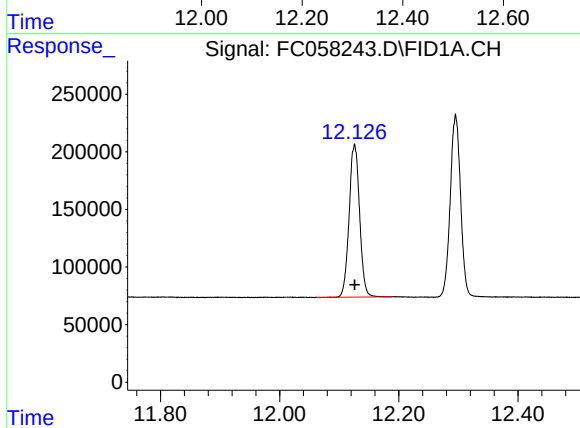
#10 n-Eicosane (C20)

R.T.: 11.687 min
Delta R.T.: -0.001 min
Response: 1905299
Conc: 10.82 ug/ml



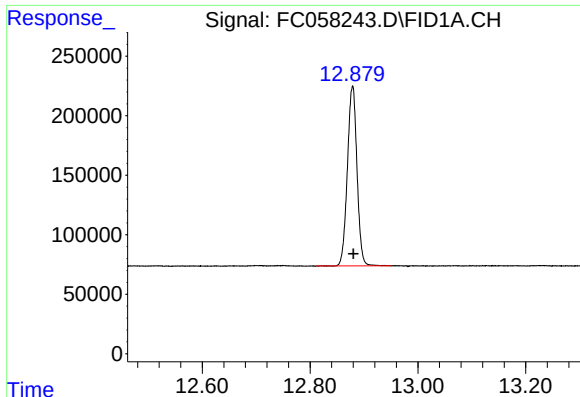
#11 n-Heneicosane (C21)

R.T.: 12.295 min
Delta R.T.: -0.001 min
Response: 1907702
Conc: 10.81 ug/ml



#12 1-chlorooctadecane (SURR)

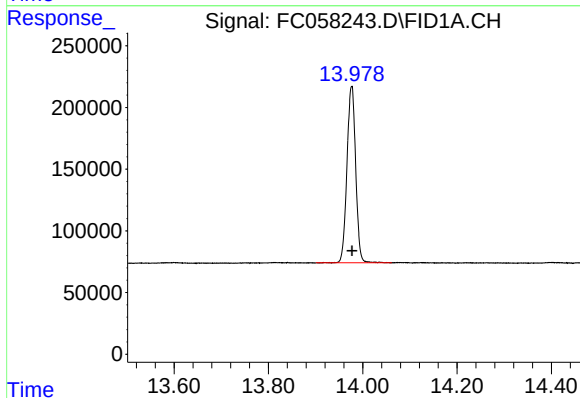
R.T.: 12.126 min
Delta R.T.: 0.000 min
Response: 1617508
Conc: 10.69 ug/ml



#13 n-Docosane (C22)

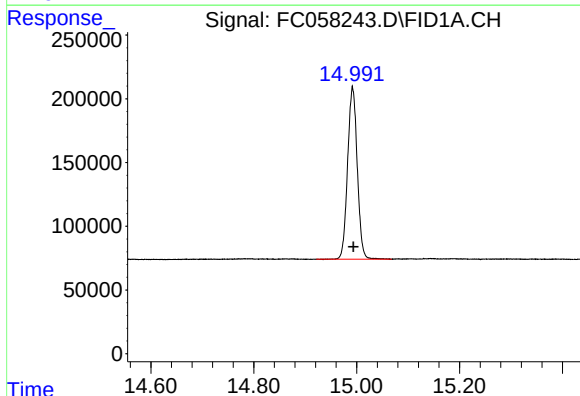
R.T.: 12.879 min
Delta R.T.: -0.002 min
Response: 1868354
Conc: 10.76 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



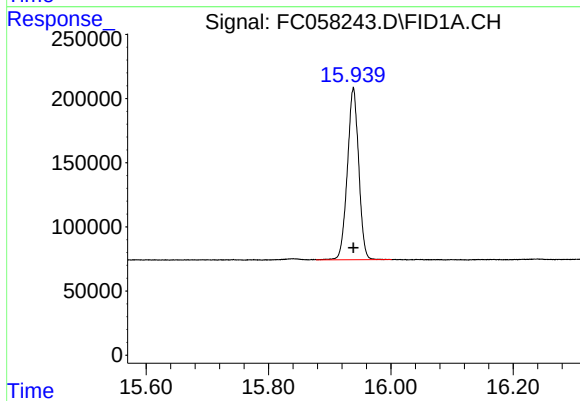
#14 n-Tetracosane (C24)

R.T.: 13.976 min
Delta R.T.: 0.000 min
Response: 1837673
Conc: 10.77 ug/ml



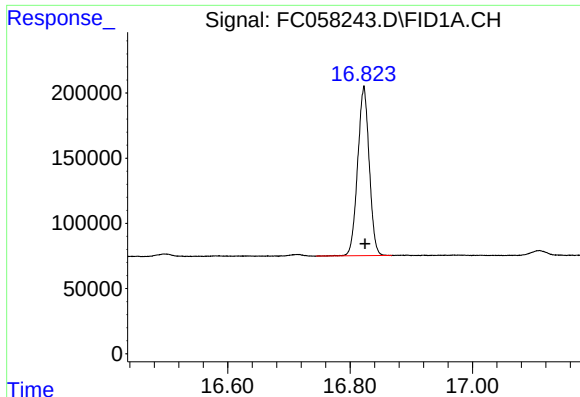
#15 n-Hexacosane (C26)

R.T.: 14.992 min
Delta R.T.: -0.001 min
Response: 1756803
Conc: 10.72 ug/ml



#16 n-Octacosane (C28)

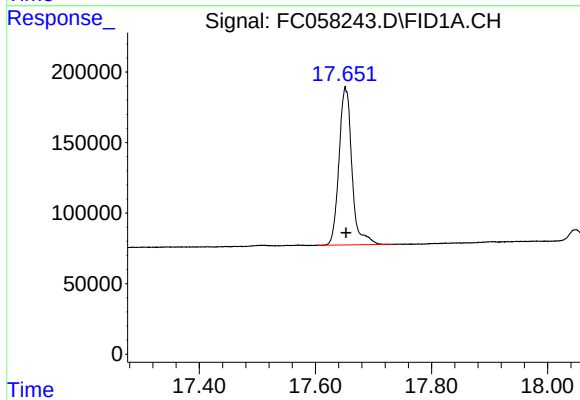
R.T.: 15.939 min
Delta R.T.: 0.000 min
Response: 1722377
Conc: 10.76 ug/ml



#17 n-Tricontane (C30)

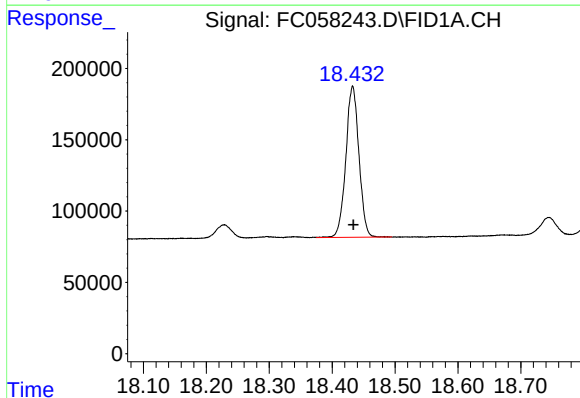
R.T.: 16.822 min
Delta R.T.: -0.002 min
Response: 1698399
Conc: 10.96 ug/ml

Instrument :
FID_C
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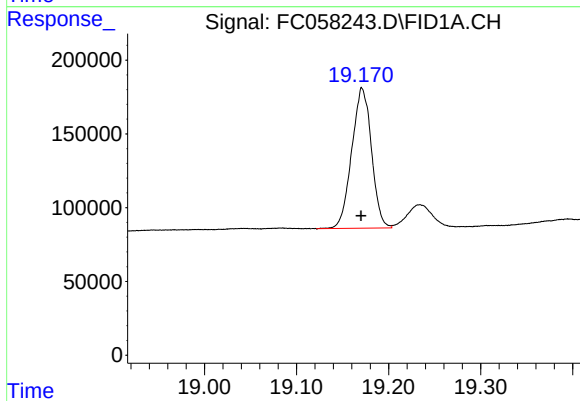
#18 n-Dotriacontane (C32)

R.T.: 17.652 min
Delta R.T.: -0.001 min
Response: 1724728
Conc: 11.64 ug/ml



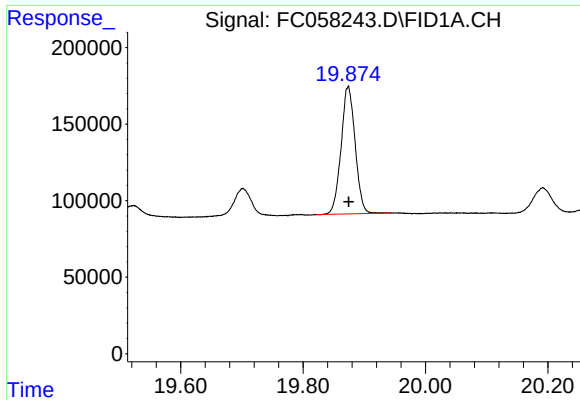
#19 n-Tetratriacontane (C34)

R.T.: 18.433 min
Delta R.T.: -0.001 min
Response: 1533782
Conc: 11.31 ug/ml



#20 n-Hexatriacontane (C36)

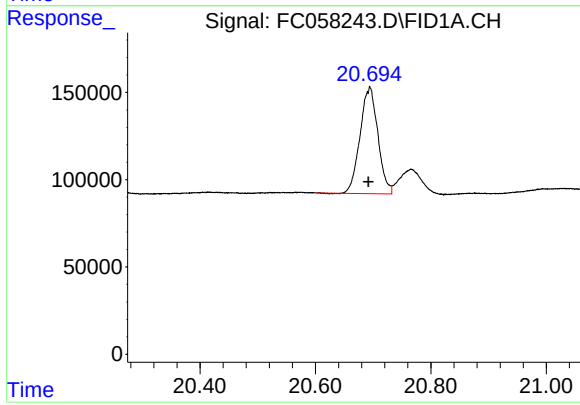
R.T.: 19.172 min
Delta R.T.: 0.001 min
Response: 1416279
Conc: 11.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.874 min
Delta R.T.: 0.000 min
Response: 1328951
Conc: 11.26 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 20.694 min
Delta R.T.: 0.002 min
Response: 1305031
Conc: 11.11 ug/ml