

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111521AL\
 Data File : FC056833.D
 Signal(s) : FID1A.CH
 Acq On : 16 Nov 2021 11:53
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 16 12:17:56 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.604	2060435	16.641 ug/ml
Spiked Amount 50.000		Recovery =	33.28%
12) S 1-chlorooctadecane (S...	13.036	1584046	16.462 ug/ml
Spiked Amount 50.000		Recovery =	32.92%
Target Compounds			
1) T n-Nonane (C9)	3.366	2072855	19.152 ug/ml
2) T n-Decane (C10)	4.433	2058414	19.109 ug/ml
3) T A~Naphthalene (C11.7)	6.023	2269617	18.616 ug/ml
4) T n-Dodecane (C12)	6.451	2071294	18.789 ug/ml
5) T A~2-methylnaphthalene...	7.080	2241440	18.303 ug/ml
6) T n-Tetradecane (C14)	8.245	2056136	18.315 ug/ml
7) T n-Hexadecane (C16)	9.844	2043997	17.979 ug/ml
8) T n-Octadecane (C18)	11.284	2043910	17.491 ug/ml
10) T n-Eicosane (C20)	12.591	1946620	16.938 ug/ml
11) T n-Heneicosane (C21)	13.202	1918600	16.695 ug/ml
13) T n-Docosane (C22)	13.787	1857973	16.503 ug/ml
14) T n-Tetracosane (C24)	14.887	1794914	16.287 ug/ml
15) T n-Hexacosane (C26)	15.904	1711621	16.217 ug/ml
16) T n-Octacosane (C28)	16.851	1696382	16.354 ug/ml
17) T n-Tricontane (C30)	17.735	1693687	16.347 ug/ml
18) T n-Dotriacontane (C32)	18.564	1690798	17.648 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1709533	19.491 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1690673	20.655 ug/ml
21) T n-Octatriacontane (C38)	20.812	1666526	20.838 ug/ml
22) T n-Tetracontane (C40)	21.722	1681002	20.403 ug/ml

(f)=RT Delta > 1/2 Window

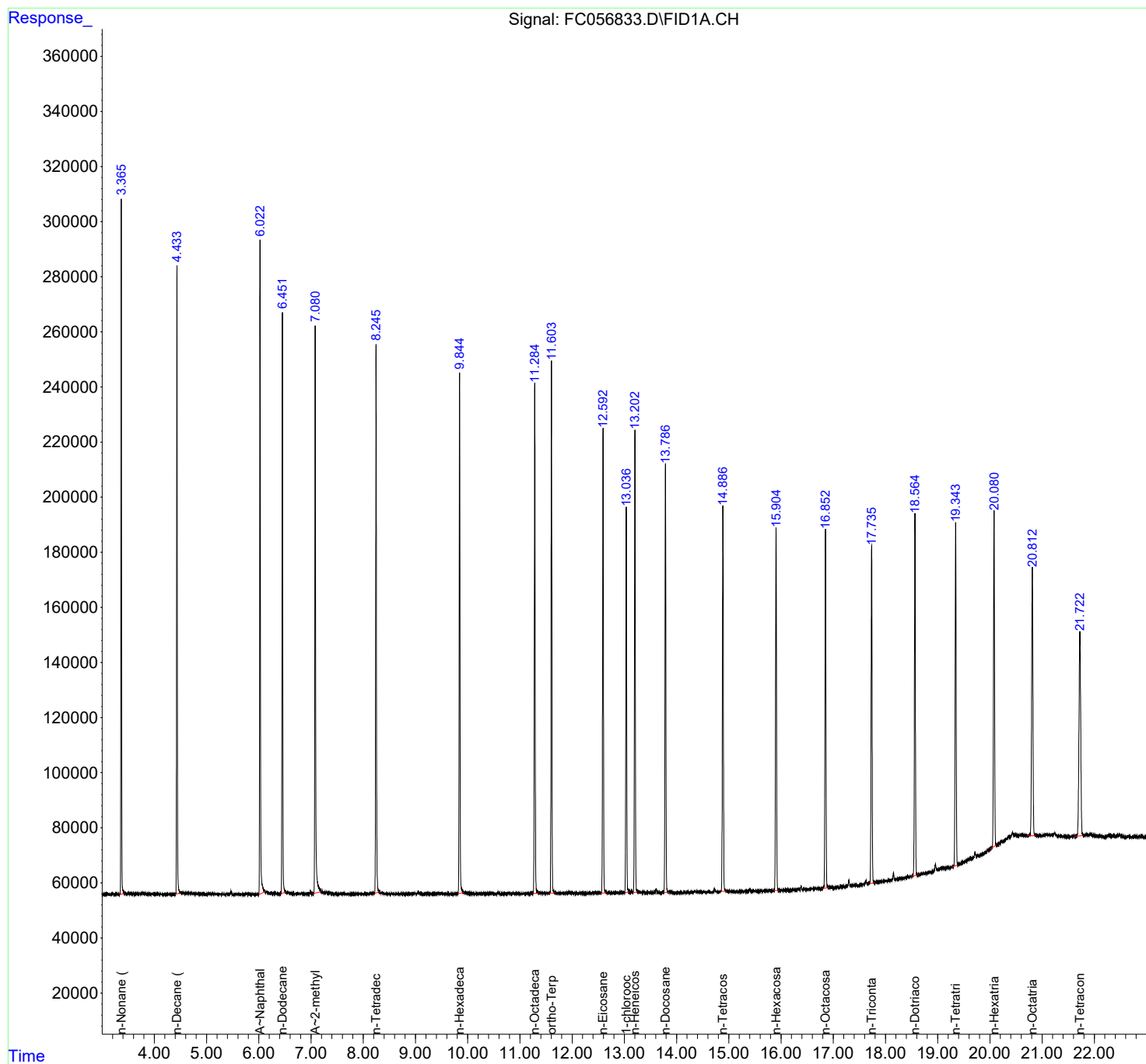
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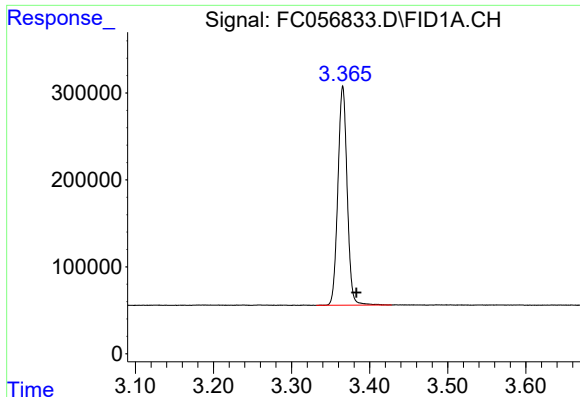
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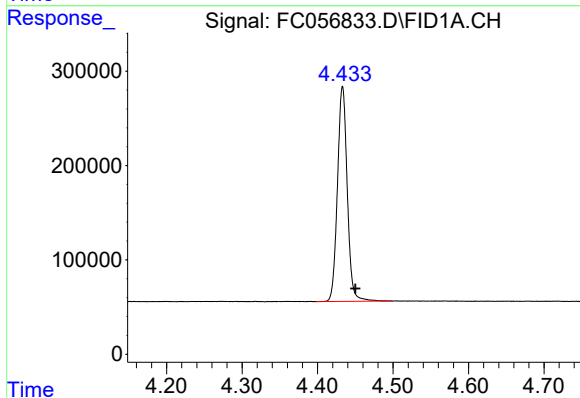




#1 n-Nonane (C9)

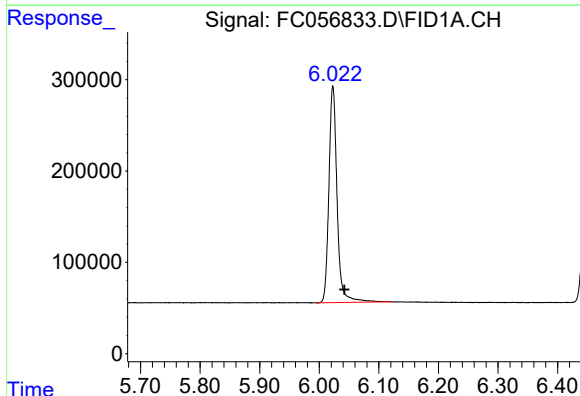
R.T.: 3.366 min
Delta R.T.: -0.017 min
Response: 2072855
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :



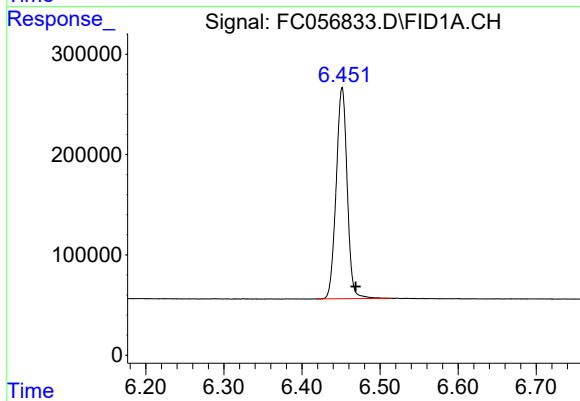
#2 n-Decane (C10)

R.T.: 4.433 min
Delta R.T.: -0.017 min
Response: 2058414
Conc: 19.11 ug/ml



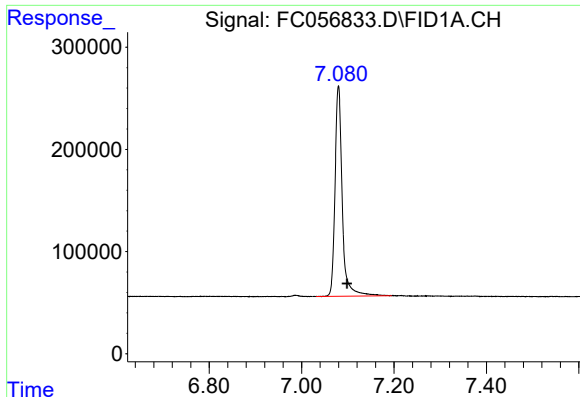
#3 A~Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.019 min
Response: 2269617
Conc: 18.62 ug/ml



#4 n-Dodecane (C12)

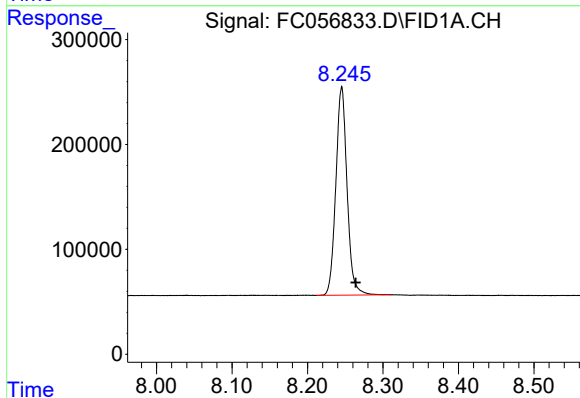
R.T.: 6.451 min
Delta R.T.: -0.017 min
Response: 2071294
Conc: 18.79 ug/ml



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

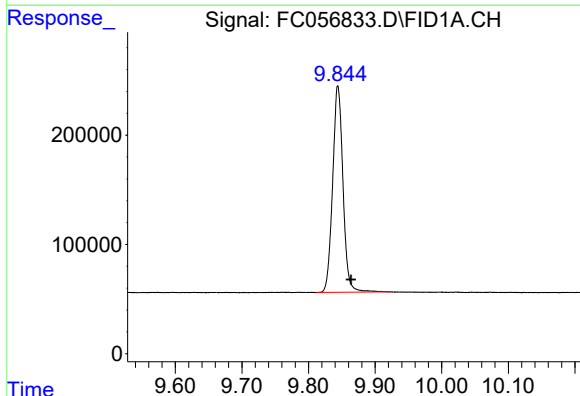
R.T.: 7.080 min
Delta R.T.: -0.019 min
Response: 2241440
Conc: 18.30 ug/ml

Instrument :
FID_C
ClientSampleId :



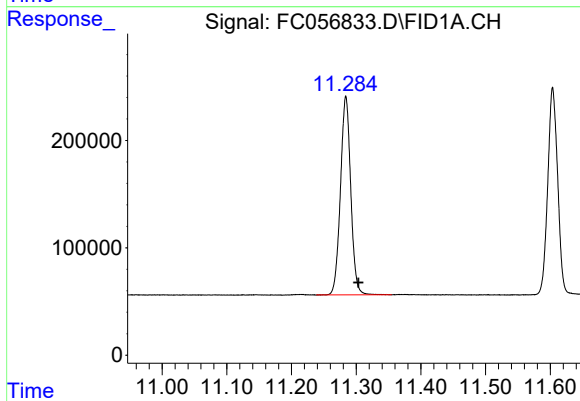
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.019 min
Response: 2056136
Conc: 18.31 ug/ml



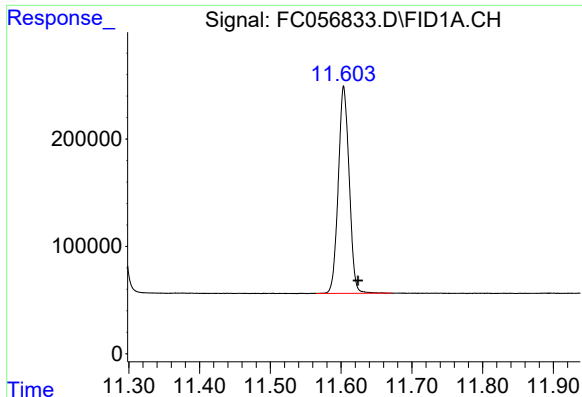
#7 n-Hexadecane (C16)

R.T.: 9.844 min
Delta R.T.: -0.019 min
Response: 2043997
Conc: 17.98 ug/ml



#8 n-Octadecane (C18)

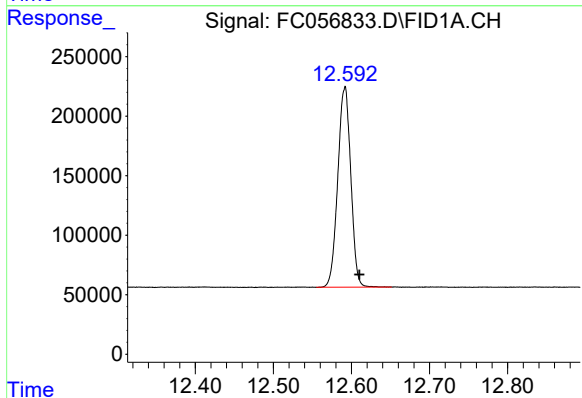
R.T.: 11.284 min
Delta R.T.: -0.019 min
Response: 2043910
Conc: 17.49 ug/ml



#9 ortho-Terphenyl (SURR)

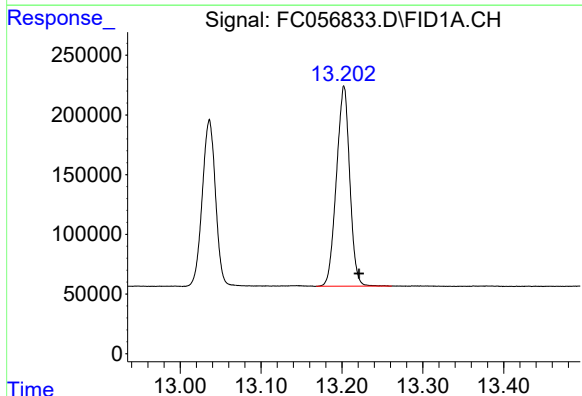
R.T.: 11.604 min
Delta R.T.: -0.020 min
Response: 2060435
Conc: 16.64 ug/ml

Instrument :
FID_C
ClientSampleId :



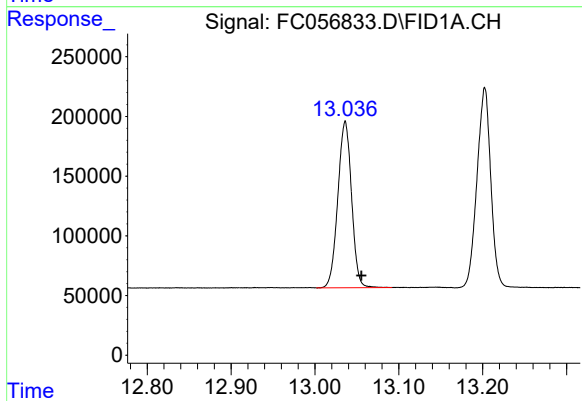
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.019 min
Response: 1946620
Conc: 16.94 ug/ml



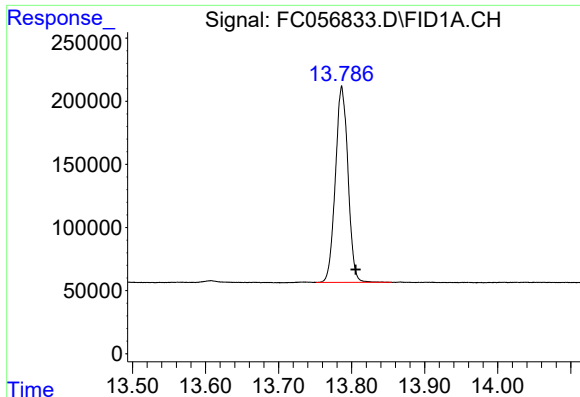
#11 n-Heneicosane (C21)

R.T.: 13.202 min
Delta R.T.: -0.019 min
Response: 1918600
Conc: 16.69 ug/ml



#12 1-chlorooctadecane (SURR)

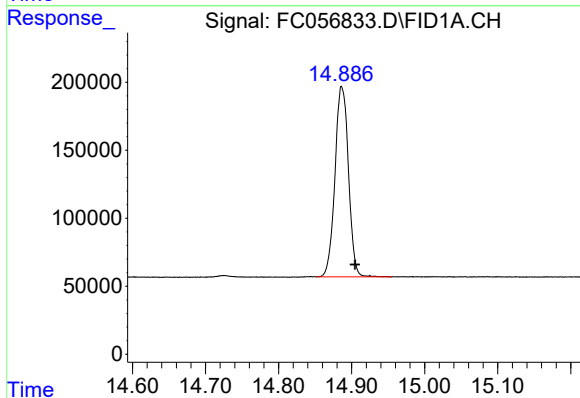
R.T.: 13.036 min
Delta R.T.: -0.020 min
Response: 1584046
Conc: 16.46 ug/ml



#13 n-Docosane (C22)

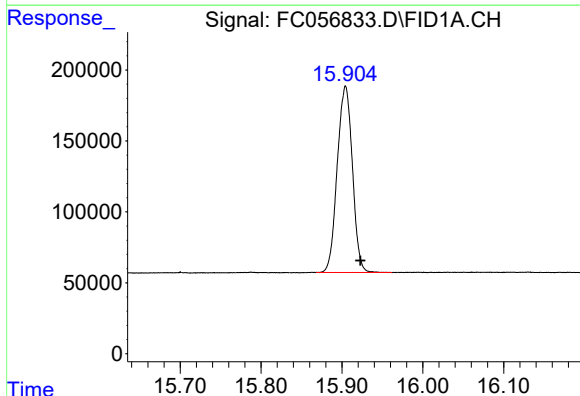
R.T.: 13.787 min
Delta R.T.: -0.019 min
Response: 1857973
Conc: 16.50 ug/ml

Instrument :
FID_C
ClientSampleId :



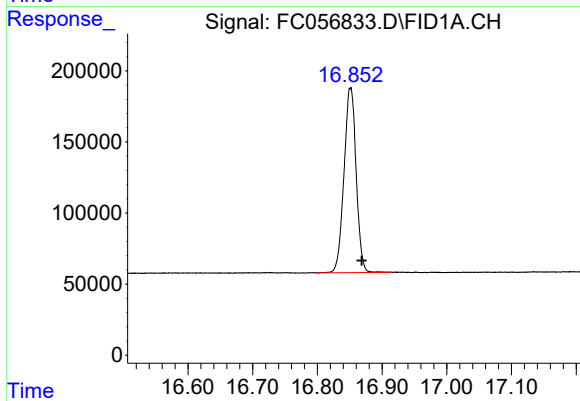
#14 n-Tetracosane (C24)

R.T.: 14.887 min
Delta R.T.: -0.018 min
Response: 1794914
Conc: 16.29 ug/ml



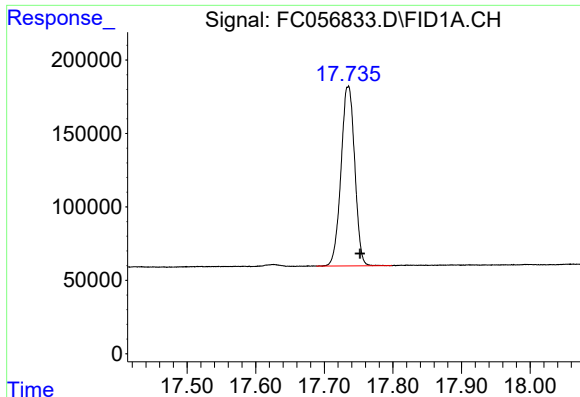
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: -0.018 min
Response: 1711621
Conc: 16.22 ug/ml



#16 n-Octacosane (C28)

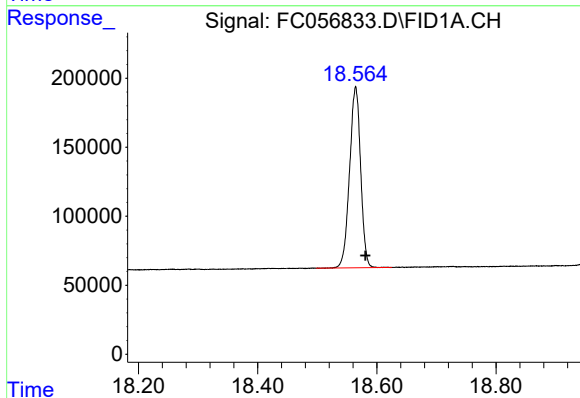
R.T.: 16.851 min
Delta R.T.: -0.018 min
Response: 1696382
Conc: 16.35 ug/ml



#17 n-Tricontane (C30)

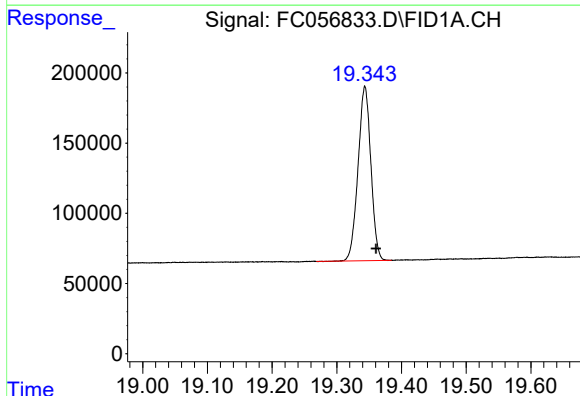
R.T.: 17.735 min
Delta R.T.: -0.017 min
Response: 1693687
Conc: 16.35 ug/ml

Instrument :
FID_C
ClientSampleId :



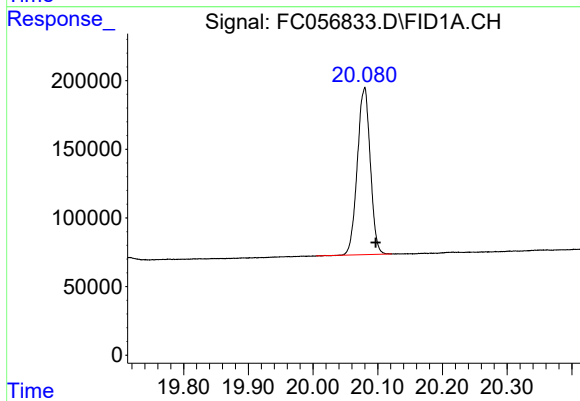
#18 n-Dotriacontane (C32)

R.T.: 18.564 min
Delta R.T.: -0.017 min
Response: 1690798
Conc: 17.65 ug/ml



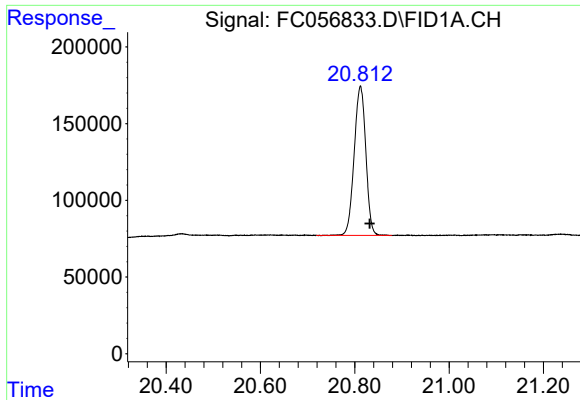
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.017 min
Response: 1709533
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

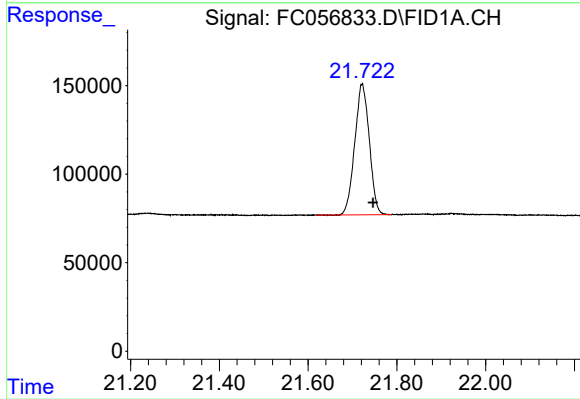
R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 1690673
Conc: 20.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.812 min
Delta R.T.: -0.020 min
Response: 1666526
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.722 min
Delta R.T.: -0.025 min
Response: 1681002
Conc: 20.40 ug/ml