

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011422AL\
 Data File : FC057919.D
 Signal(s) : FID1A.CH
 Acq On : 14 Jan 2022 15:29
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Jan 14 19:14:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 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)	10.707	3533453	18.274 ug/ml
Spiked Amount 50.000		Recovery =	36.55%
12) S 1-chlorooctadecane (S...	12.145	2668528	18.106 ug/ml
Spiked Amount 50.000		Recovery =	36.21%
Target Compounds			
1) T n-Nonane (C9)	2.634	3027056	18.930 ug/ml
2) T n-Decane (C10)	3.624	3104805	19.317 ug/ml
3) T A~Naphthalene (C11.7)	5.163	3515914	19.363 ug/ml
4) T n-Dodecane (C12)	5.596	3133343	19.428 ug/ml
5) T A~2-methylnaphthalene...	6.203	3540459	19.361 ug/ml
6) T n-Tetradecane (C14)	7.377	3229421	19.561 ug/ml
7) T n-Hexadecane (C16)	8.969	3253996	19.480 ug/ml
8) T n-Octadecane (C18)	10.403	3282754	19.076 ug/ml
10) T n-Eicosane (C20)	11.706	3161083	18.465 ug/ml
11) T n-Heneicosane (C21)	12.316	3127575	18.086 ug/ml
13) T n-Docosane (C22)	12.899	3058735	17.680 ug/ml
14) T n-Tetracosane (C24)	13.998	3018115	17.435 ug/ml
15) T n-Hexacosane (C26)	15.013	2898170	17.221 ug/ml
16) T n-Octacosane (C28)	15.960	2966916	18.130 ug/ml
17) T n-Tricontane (C30)	16.846	3180620	20.372 ug/ml
18) T n-Dotriacontane (C32)	17.675	3093262	22.186 ug/ml
19) T n-Tetratriacontane (C34)	18.456	2777317	22.346 ug/ml
20) T n-Hexatriacontane (C36)	19.193	2486521	22.365 ug/ml
21) T n-Octatriacontane (C38)	19.899	2287855	21.932 ug/ml
22) T n-Tetracontane (C40)	20.726	2201468	22.991 ug/ml

(f)=RT Delta > 1/2 Window

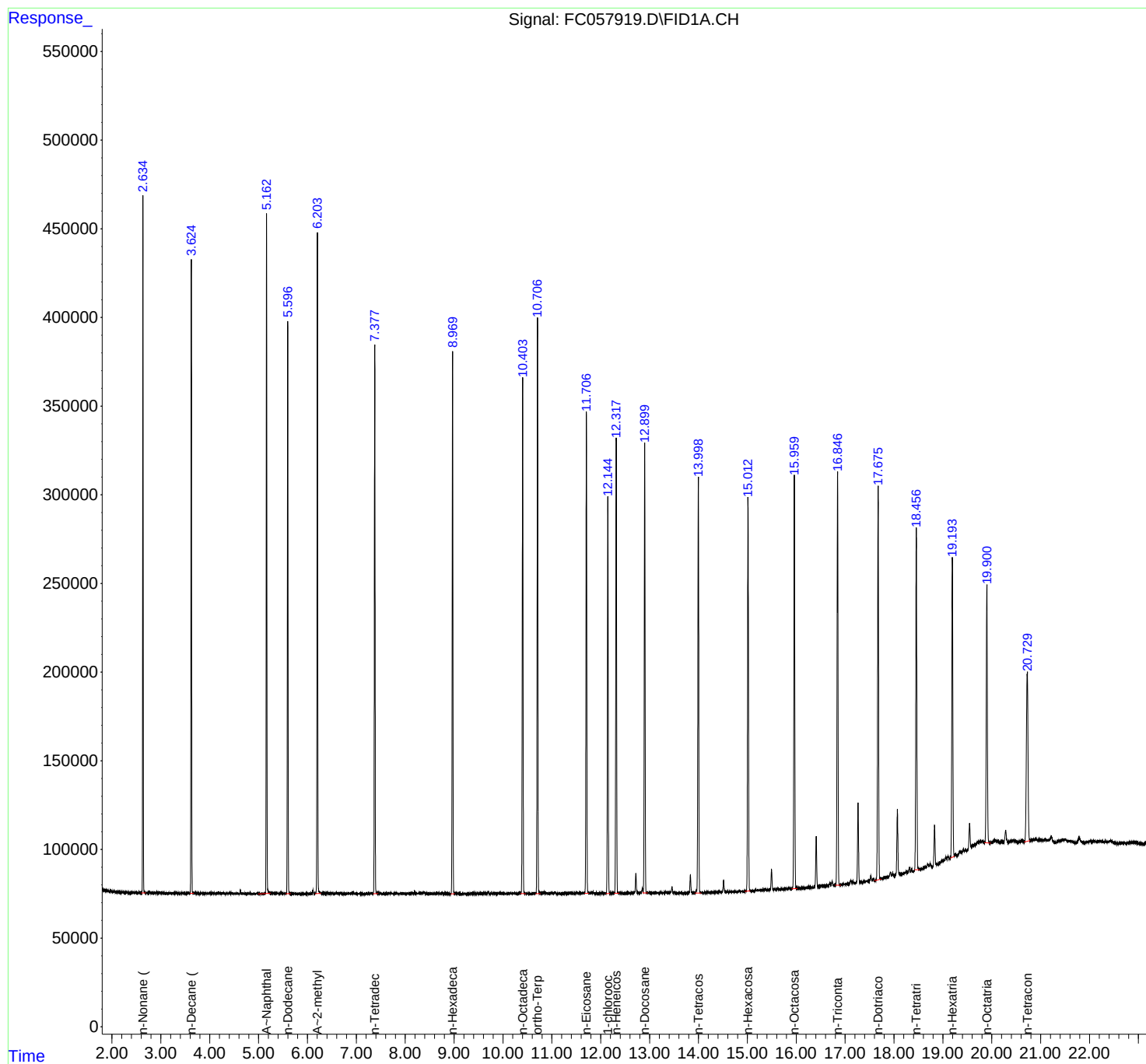
(m)=manual int.

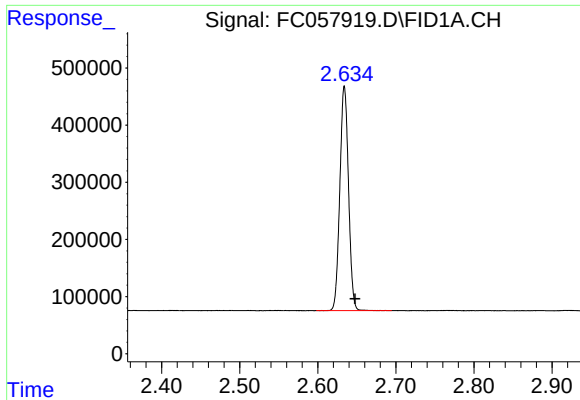
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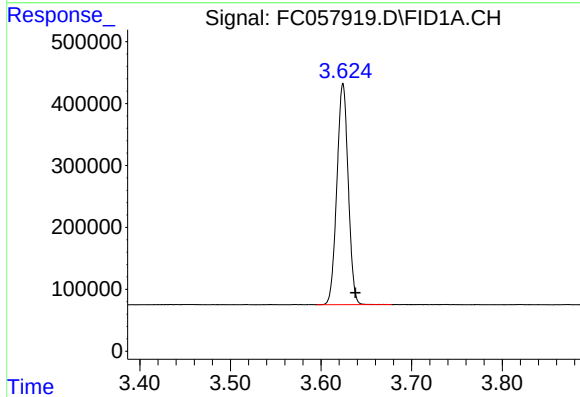




#1 n-Nonane (C9)

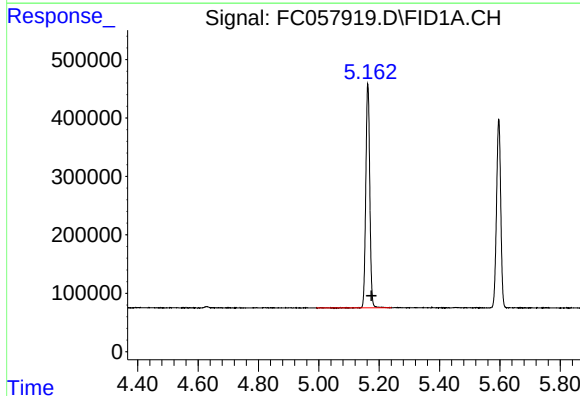
R.T.: 2.634 min
Delta R.T.: -0.014 min
Response: 3027056
Conc: 18.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



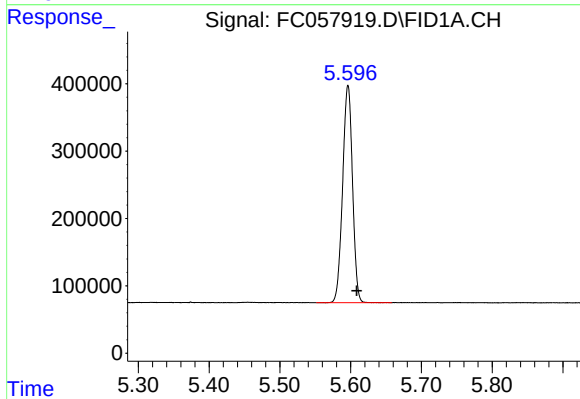
#2 n-Decane (C10)

R.T.: 3.624 min
Delta R.T.: -0.014 min
Response: 3104805
Conc: 19.32 ug/ml



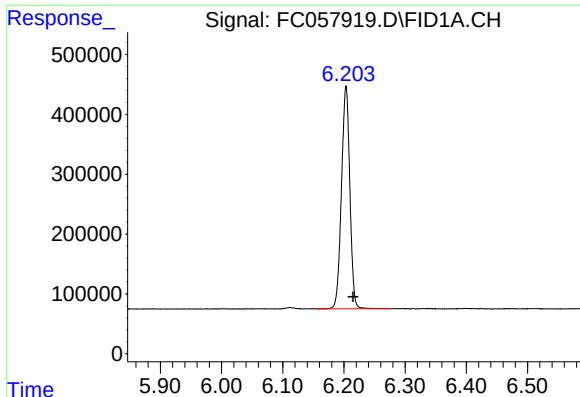
#3 A~Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.012 min
Response: 3515914
Conc: 19.36 ug/ml



#4 n-Dodecane (C12)

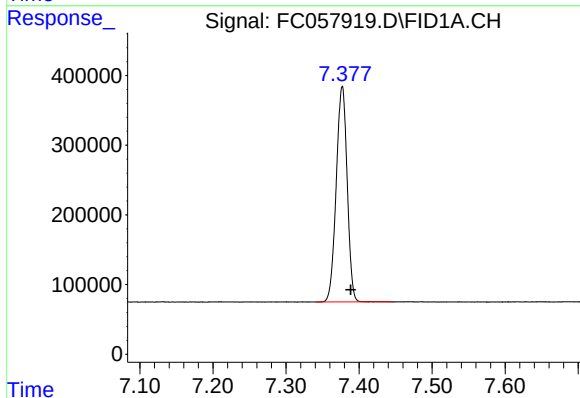
R.T.: 5.596 min
Delta R.T.: -0.013 min
Response: 3133343
Conc: 19.43 ug/ml



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

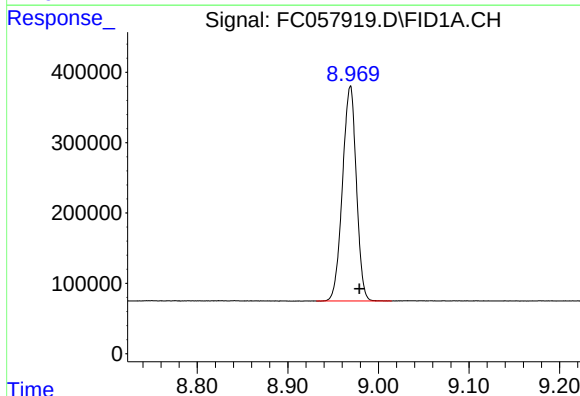
R.T.: 6.203 min
Delta R.T.: -0.011 min
Response: 3540459
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



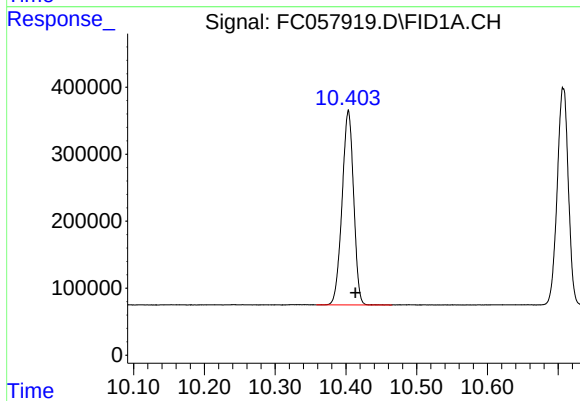
#6 n-Tetradecane (C14)

R.T.: 7.377 min
Delta R.T.: -0.012 min
Response: 3229421
Conc: 19.56 ug/ml



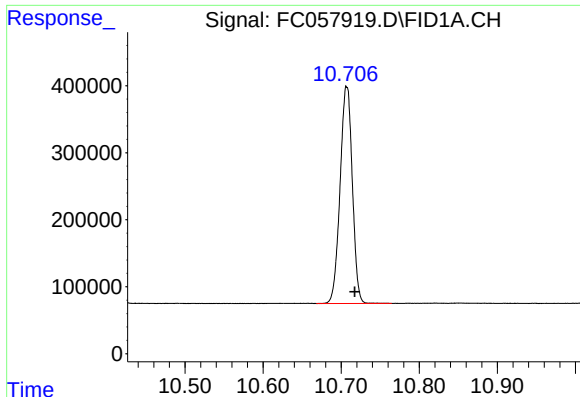
#7 n-Hexadecane (C16)

R.T.: 8.969 min
Delta R.T.: -0.010 min
Response: 3253996
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

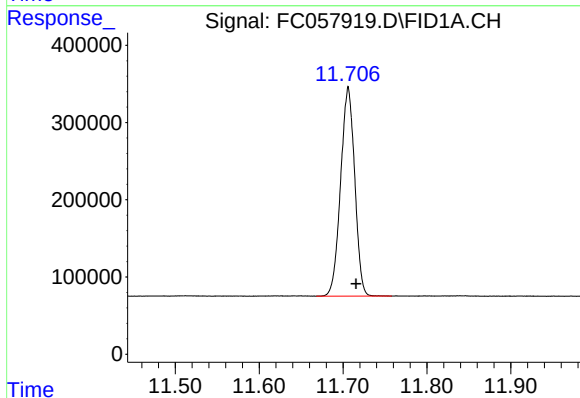
R.T.: 10.403 min
Delta R.T.: -0.010 min
Response: 3282754
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

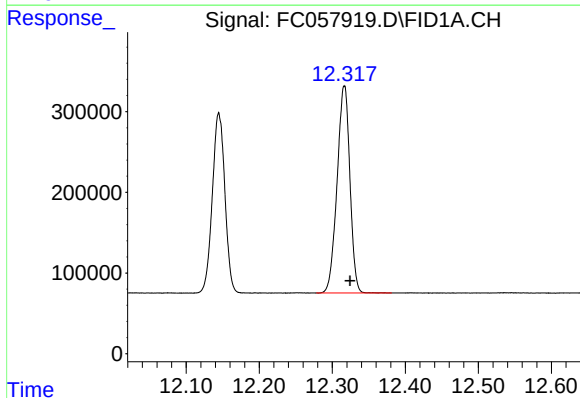
R.T.: 10.707 min
Delta R.T.: -0.010 min
Response: 3533453
Conc: 18.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



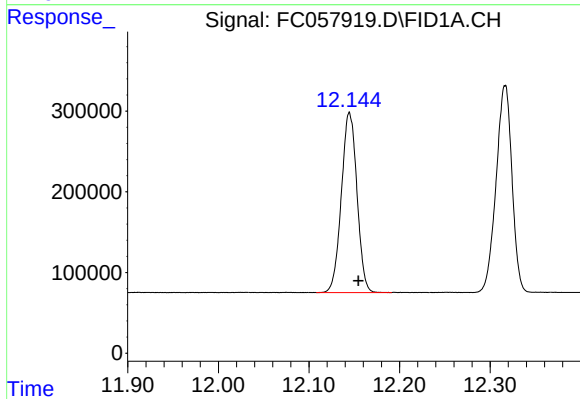
#10 n-Eicosane (C20)

R.T.: 11.706 min
Delta R.T.: -0.009 min
Response: 3161083
Conc: 18.46 ug/ml



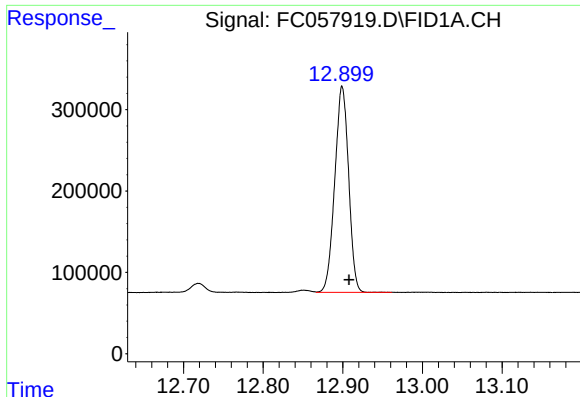
#11 n-Heneicosane (C21)

R.T.: 12.316 min
Delta R.T.: -0.008 min
Response: 3127575
Conc: 18.09 ug/ml



#12 1-chlorooctadecane (SURR)

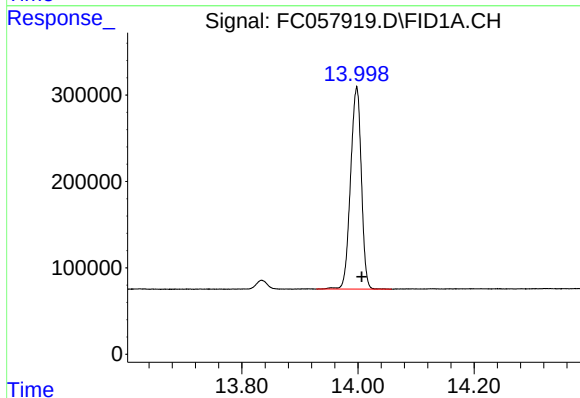
R.T.: 12.145 min
Delta R.T.: -0.010 min
Response: 2668528
Conc: 18.11 ug/ml



#13 n-Docosane (C22)

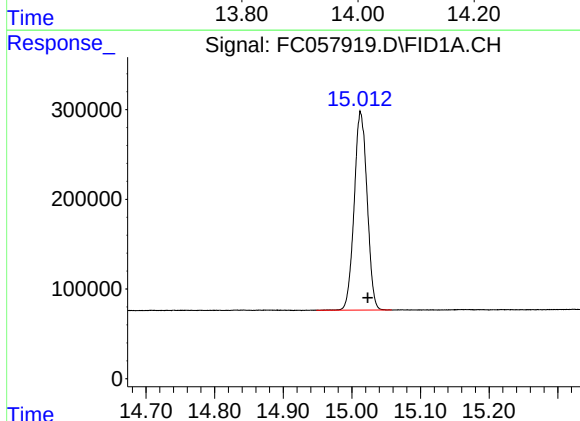
R.T.: 12.899 min
Delta R.T.: -0.009 min
Response: 3058735
Conc: 17.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



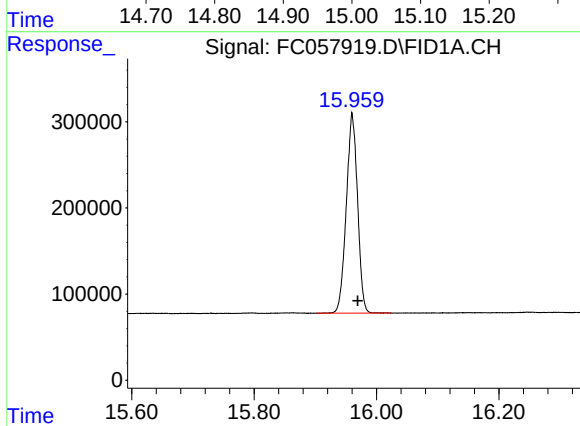
#14 n-Tetracosane (C24)

R.T.: 13.998 min
Delta R.T.: -0.009 min
Response: 3018115
Conc: 17.43 ug/ml



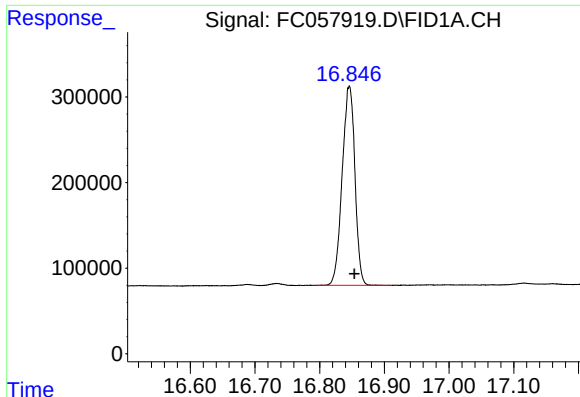
#15 n-Hexacosane (C26)

R.T.: 15.013 min
Delta R.T.: -0.010 min
Response: 2898170
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

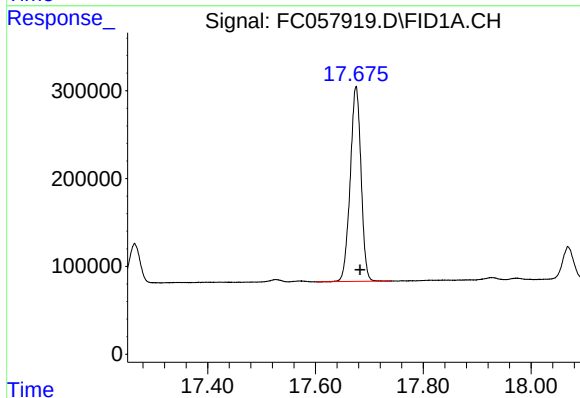
R.T.: 15.960 min
Delta R.T.: -0.009 min
Response: 2966916
Conc: 18.13 ug/ml



#17 n-Tricontane (C30)

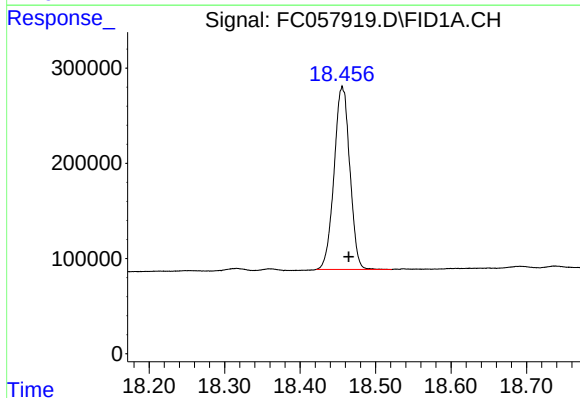
R.T.: 16.846 min
Delta R.T.: -0.008 min
Response: 3180620
Conc: 20.37 ug/ml

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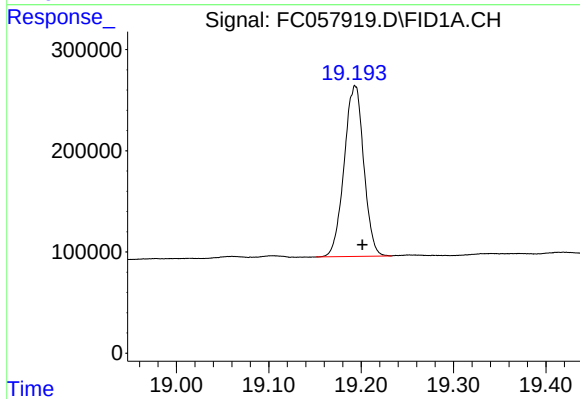
#18 n-Dotriacontane (C32)

R.T.: 17.675 min
Delta R.T.: -0.008 min
Response: 3093262
Conc: 22.19 ug/ml



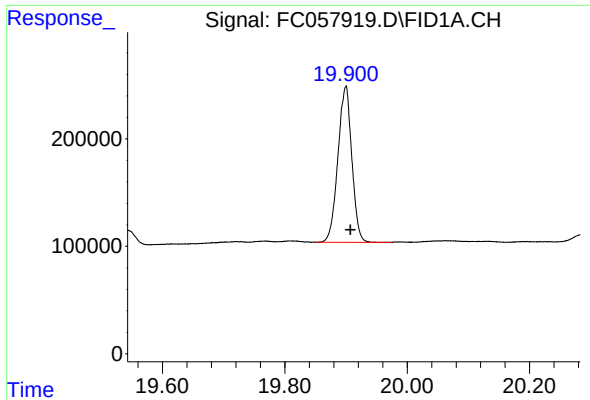
#19 n-Tetratriacontane (C34)

R.T.: 18.456 min
Delta R.T.: -0.008 min
Response: 2777317
Conc: 22.35 ug/ml



#20 n-Hexatriacontane (C36)

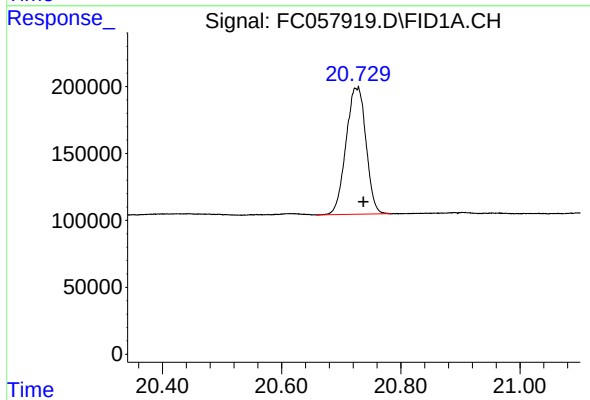
R.T.: 19.193 min
Delta R.T.: -0.008 min
Response: 2486521
Conc: 22.36 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.899 min
Delta R.T.: -0.008 min
Response: 2287855
Conc: 21.93 ug/ml

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FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 20.726 min
Delta R.T.: -0.011 min
Response: 2201468
Conc: 22.99 ug/ml