

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC010522AL\
 Data File : FC057711.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jan 2022 14:01
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jan 05 14:24:48 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)	10.718	3987205	20.620 ug/ml
Spiked Amount 50.000		Recovery =	41.24%
12) S 1-chlorooctadecane (S...	12.155	3055953	20.734 ug/ml
Spiked Amount 50.000		Recovery =	41.47%
Target Compounds			
1) T n-Nonane (C9)	2.648	3284271	20.538 ug/ml
2) T n-Decane (C10)	3.638	3317192	20.638 ug/ml
3) T A~Naphthalene (C11.7)	5.175	3727211	20.526 ug/ml
4) T n-Dodecane (C12)	5.609	3322127	20.599 ug/ml
5) T A~2-methylnaphthalene...	6.215	3769261	20.612 ug/ml
6) T n-Tetradecane (C14)	7.389	3413765	20.678 ug/ml
7) T n-Hexadecane (C16)	8.980	3449542	20.651 ug/ml
8) T n-Octadecane (C18)	10.414	3558820	20.680 ug/ml
10) T n-Eicosane (C20)	11.717	3544586	20.705 ug/ml
11) T n-Heneicosane (C21)	12.326	3581331	20.711 ug/ml
13) T n-Docosane (C22)	12.909	3572730	20.651 ug/ml
14) T n-Tetracosane (C24)	14.008	3560597	20.569 ug/ml
15) T n-Hexacosane (C26)	15.026	3454041	20.524 ug/ml
16) T n-Octacosane (C28)	15.970	3378211	20.644 ug/ml
17) T n-Tricontane (C30)	16.855	3220955	20.631 ug/ml
18) T n-Dotriacontane (C32)	17.685	2879706	20.654 ug/ml
19) T n-Tetratriacontane (C34)	18.465	2555162	20.558 ug/ml
20) T n-Hexatriacontane (C36)	19.204	2262969	20.354 ug/ml
21) T n-Octatriacontane (C38)	19.909	2132110	20.439 ug/ml
22) T n-Tetracontane (C40)	20.738	1999121	20.878 ug/ml

(f)=RT Delta > 1/2 Window

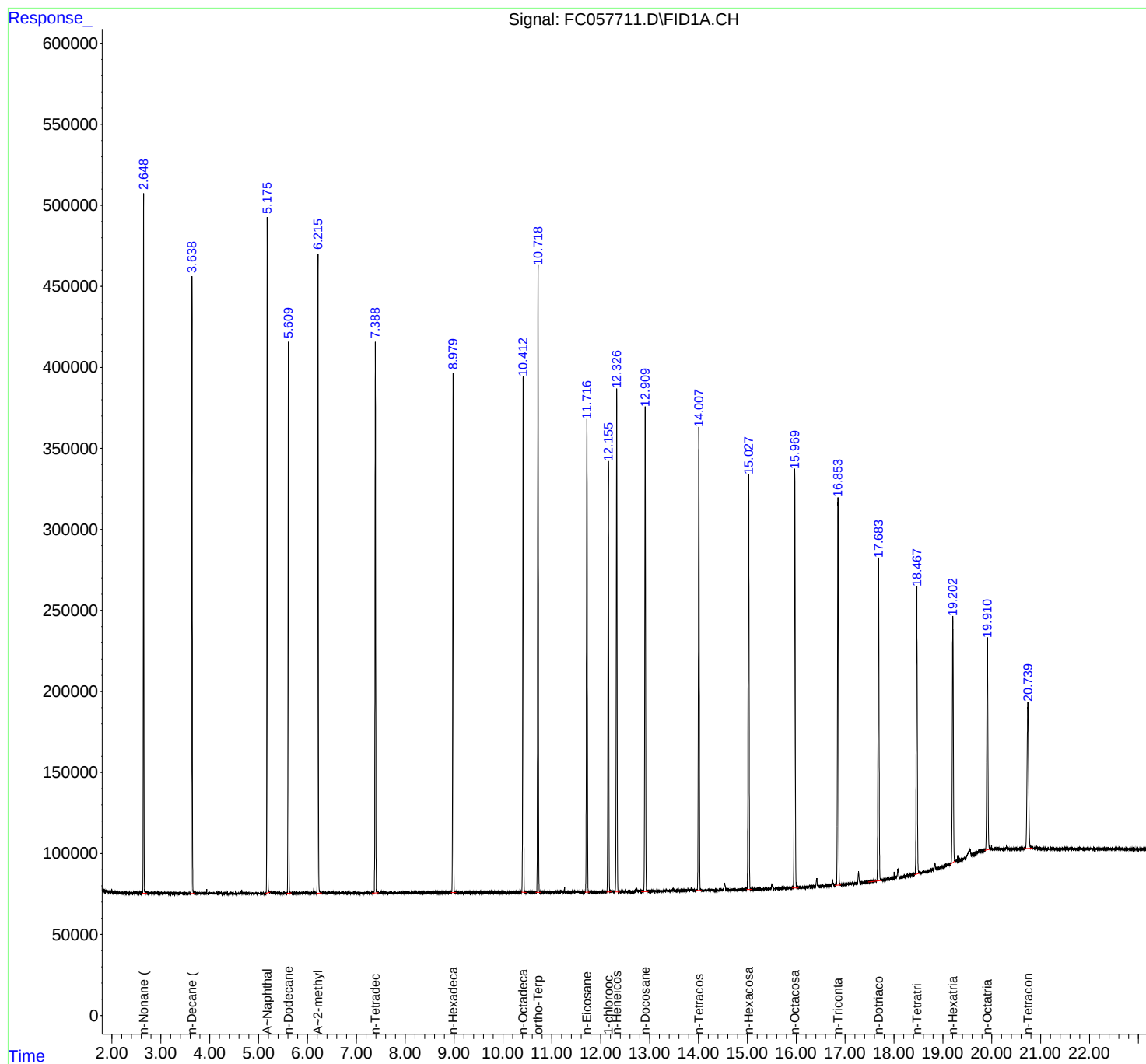
(m)=manual int.

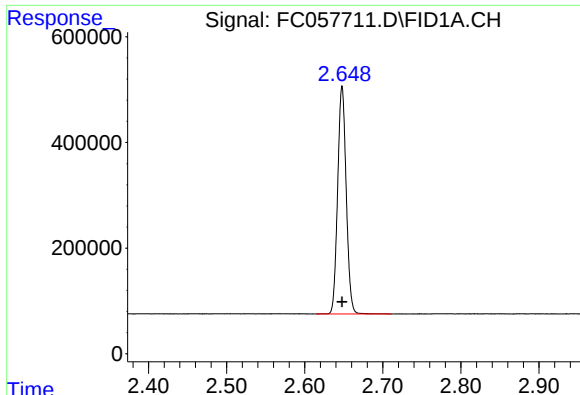
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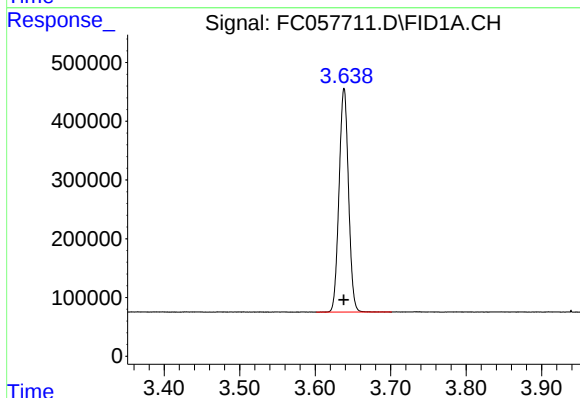




#1 n-Nonane (C9)

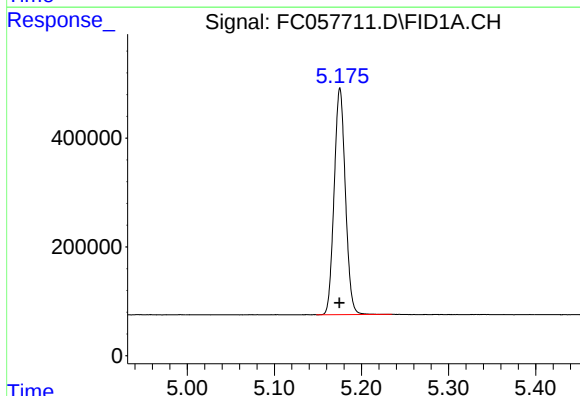
R.T.: 2.648 min
Delta R.T.: 0.000 min
Response: 3284271
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



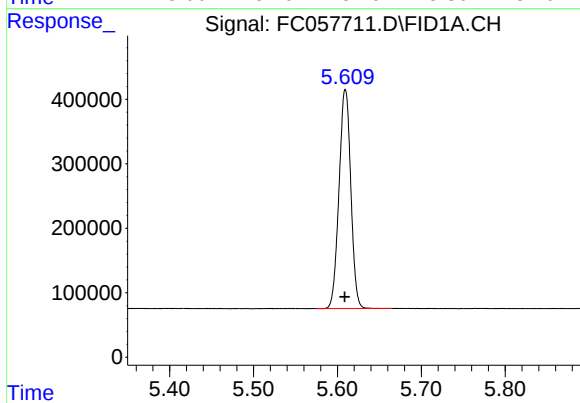
#2 n-Decane (C10)

R.T.: 3.638 min
Delta R.T.: 0.000 min
Response: 3317192
Conc: 20.64 ug/ml



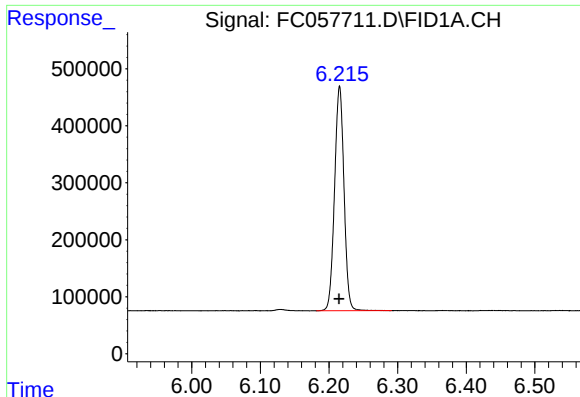
#3 A~Naphthalene (C11.7)

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 3727211
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

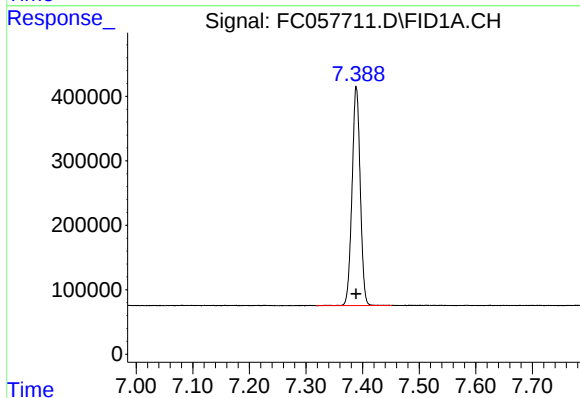
R.T.: 5.609 min
Delta R.T.: 0.000 min
Response: 3322127
Conc: 20.60 ug/ml



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

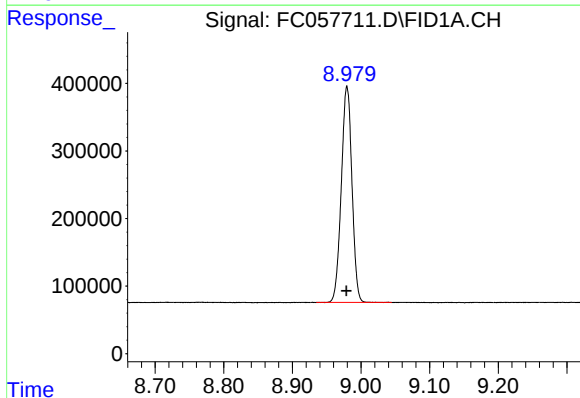
R.T.: 6.215 min
Delta R.T.: 0.000 min
Response: 3769261
Conc: 20.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



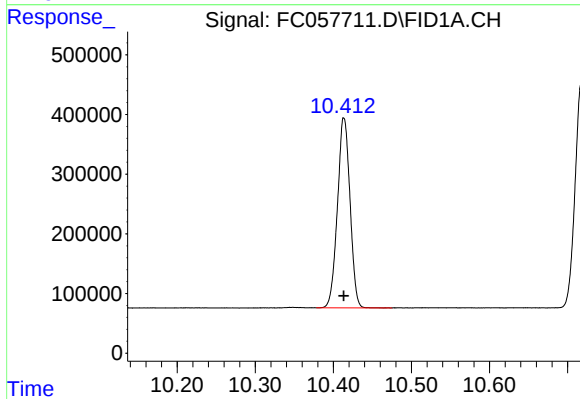
#6 n-Tetradecane (C14)

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 3413765
Conc: 20.68 ug/ml



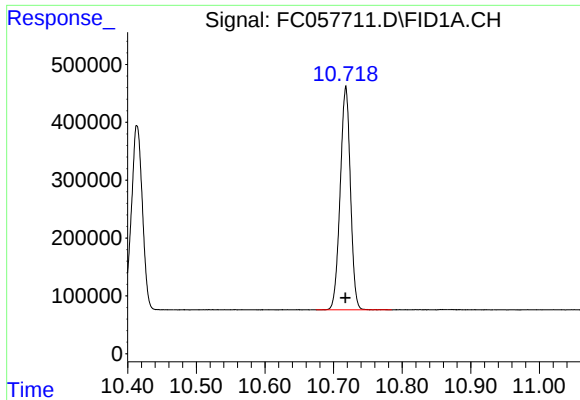
#7 n-Hexadecane (C16)

R.T.: 8.980 min
Delta R.T.: 0.000 min
Response: 3449542
Conc: 20.65 ug/ml



#8 n-Octadecane (C18)

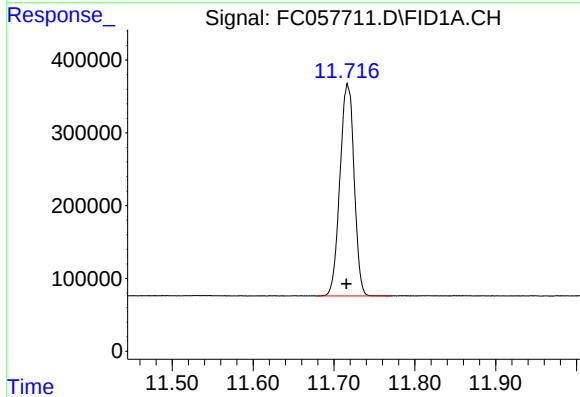
R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 3558820
Conc: 20.68 ug/ml



#9 ortho-Terphenyl (SURR)

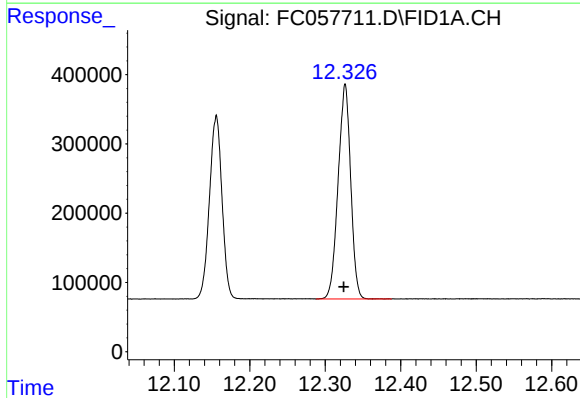
R.T.: 10.718 min
Delta R.T.: 0.000 min
Response: 3987205
Conc: 20.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



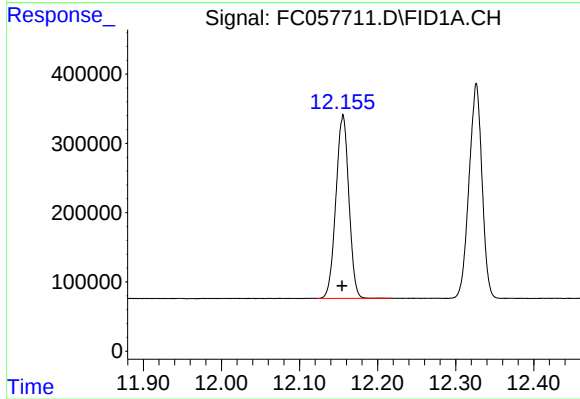
#10 n-Eicosane (C20)

R.T.: 11.717 min
Delta R.T.: 0.001 min
Response: 3544586
Conc: 20.71 ug/ml



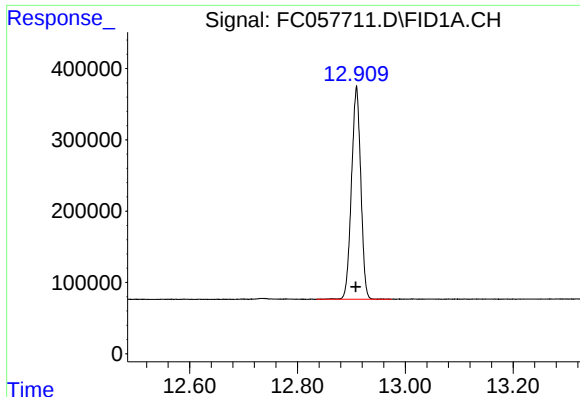
#11 n-Heneicosane (C21)

R.T.: 12.326 min
Delta R.T.: 0.002 min
Response: 3581331
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

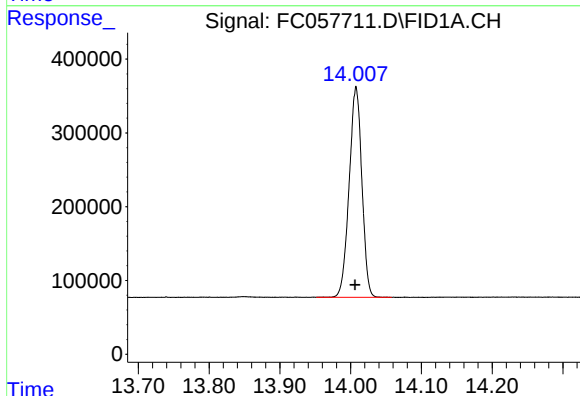
R.T.: 12.155 min
Delta R.T.: 0.000 min
Response: 3055953
Conc: 20.73 ug/ml



#13 n-Docosane (C22)

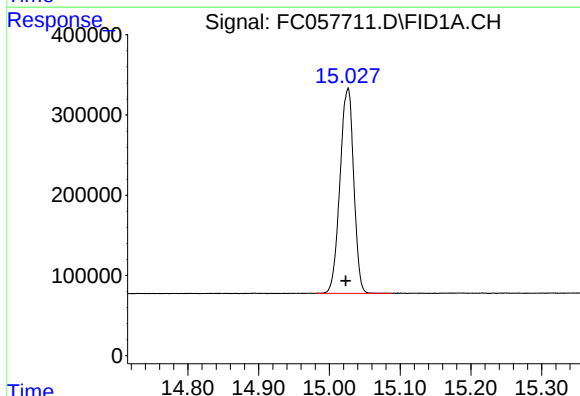
R.T.: 12.909 min
Delta R.T.: 0.001 min
Response: 3572730
Conc: 20.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



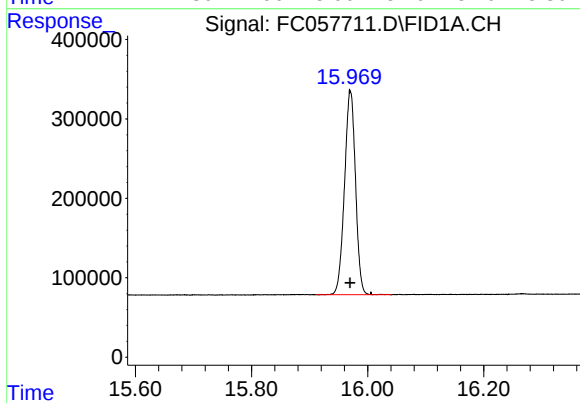
#14 n-Tetracosane (C24)

R.T.: 14.008 min
Delta R.T.: 0.001 min
Response: 3560597
Conc: 20.57 ug/ml



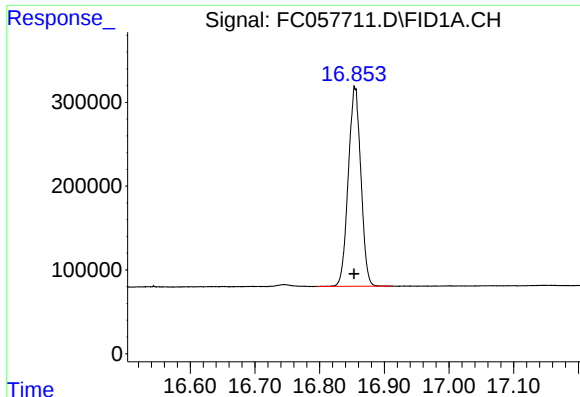
#15 n-Hexacosane (C26)

R.T.: 15.026 min
Delta R.T.: 0.002 min
Response: 3454041
Conc: 20.52 ug/ml



#16 n-Octacosane (C28)

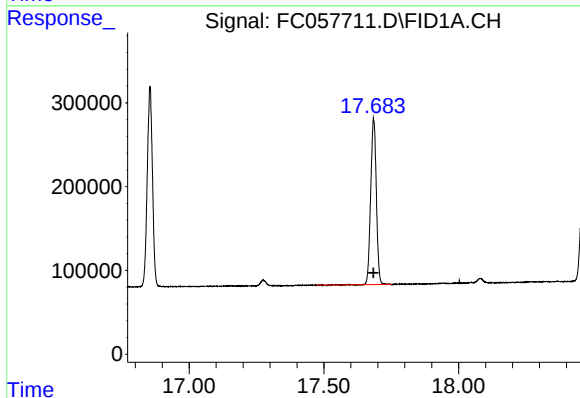
R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 3378211
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

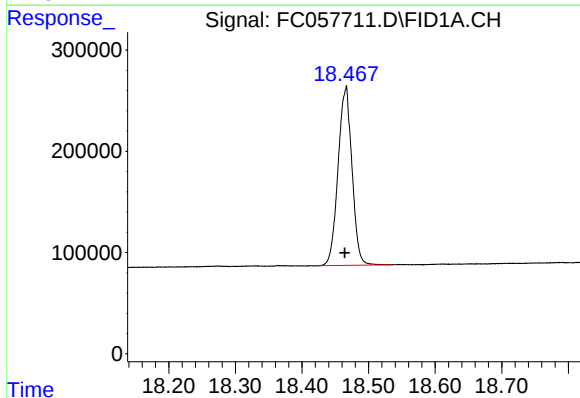
R.T.: 16.855 min
Delta R.T.: 0.001 min
Response: 3220955
Conc: 20.63 ug/ml

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FID_C
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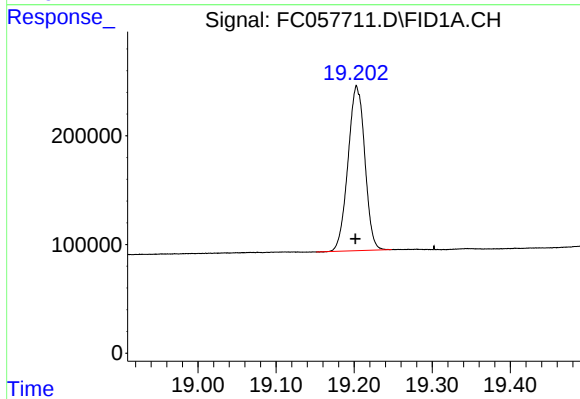
#18 n-Dotriacontane (C32)

R.T.: 17.685 min
Delta R.T.: 0.002 min
Response: 2879706
Conc: 20.65 ug/ml



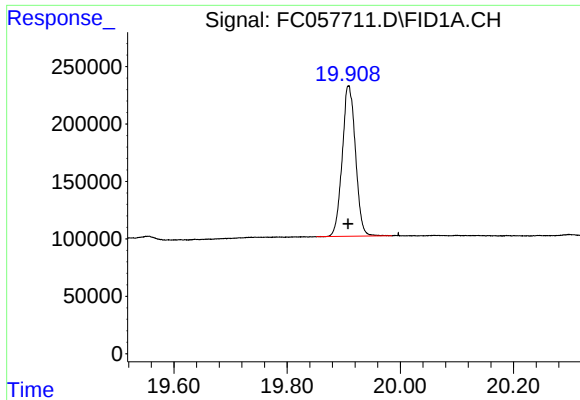
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 2555162
Conc: 20.56 ug/ml



#20 n-Hexatriacontane (C36)

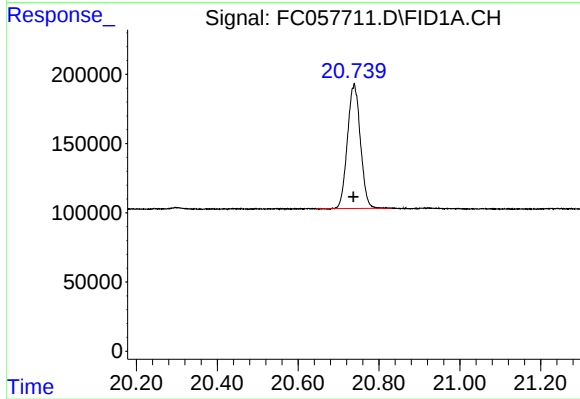
R.T.: 19.204 min
Delta R.T.: 0.002 min
Response: 2262969
Conc: 20.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.909 min
Delta R.T.: 0.001 min
Response: 2132110
Conc: 20.44 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.738 min
Delta R.T.: 0.001 min
Response: 1999121
Conc: 20.88 ug/ml