

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092921AL\
 Data File : FC055894.D
 Signal(s) : FID1A.CH
 Acq On : 29 Sep 2021 16:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Sep 30 01:20:35 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:19:00 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)	11.650	2331753	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	13.081	1807906	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.403	2118781	20.000 ug/ml
2) T n-Decane (C10)	4.472	2129824	20.000 ug/ml
3) T A~Naphthalene (C11.7)	6.065	2386316	20.000 ug/ml
4) T n-Dodecane (C12)	6.491	2151568	20.000 ug/ml
5) T A~2-methylnaphthalene...	7.122	2388420	20.000 ug/ml
6) T n-Tetradecane (C14)	8.287	2176906	20.000 ug/ml
7) T n-Hexadecane (C16)	9.887	2176928	20.000 ug/ml
8) T n-Octadecane (C18)	11.327	2199549	20.000 ug/ml
10) T n-Eicosane (C20)	12.637	2144102	20.000 ug/ml
11) T n-Heneicosane (C21)	13.248	2141261	20.000 ug/ml
13) T n-Docosane (C22)	13.833	2099401	20.000 ug/ml
14) T n-Tetracosane (C24)	14.936	2062546	20.000 ug/ml
15) T n-Hexacosane (C26)	15.955	1983102	20.000 ug/ml
16) T n-Octacosane (C28)	16.904	1914261	20.000 ug/ml
17) T n-Tricontane (C30)	17.790	1834554	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.622	1753808	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.404	1705056	20.000 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1594958	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.886	1532692	20.000 ug/ml
22) T n-Tetracontane (C40)	21.817	1503725	20.000 ug/ml

(f)=RT Delta > 1/2 Window

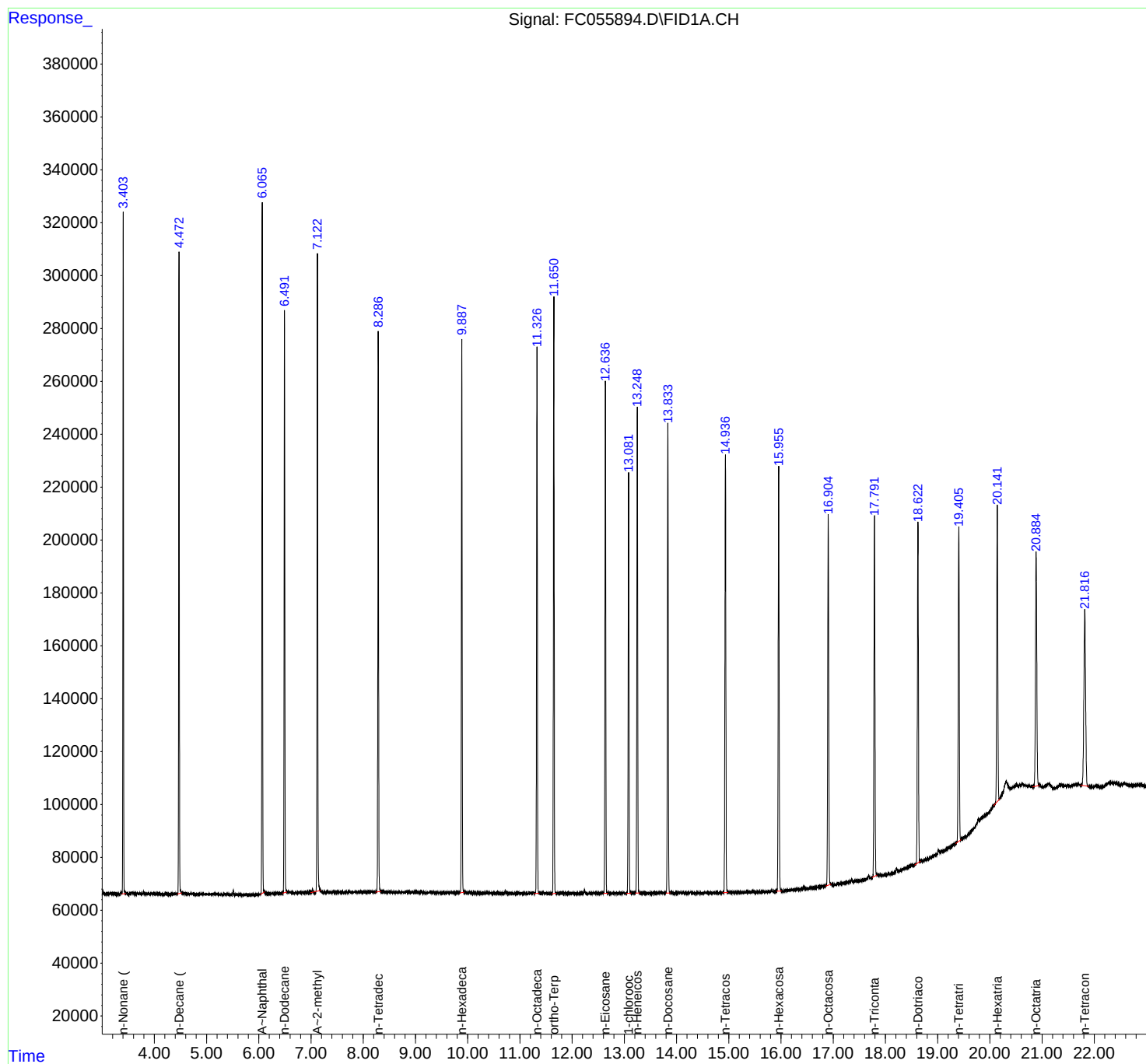
(m)=manual int.

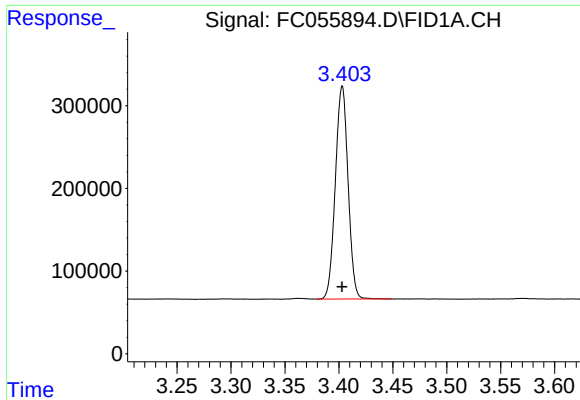
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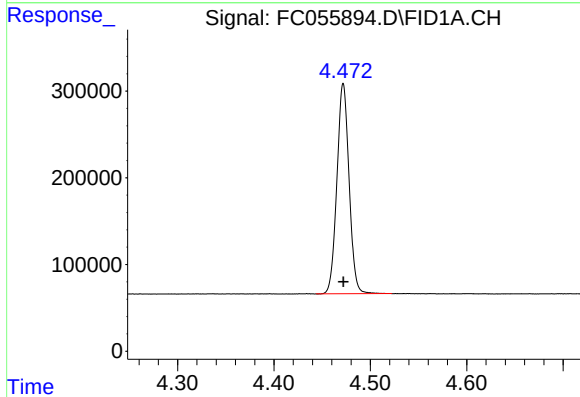




#1 n-Nonane (C9)

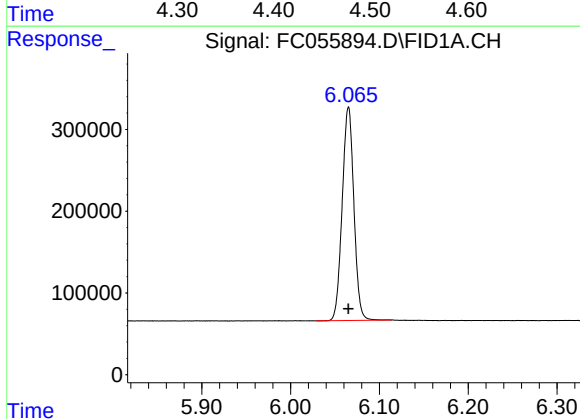
R.T.: 3.403 min
Delta R.T.: 0.000 min
Response: 2118781
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



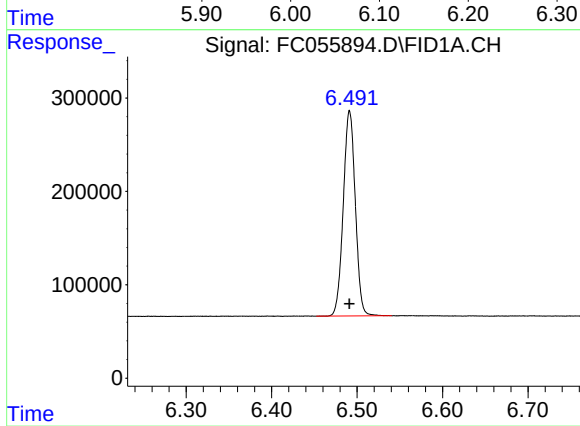
#2 n-Decane (C10)

R.T.: 4.472 min
Delta R.T.: 0.000 min
Response: 2129824
Conc: 20.00 ug/ml



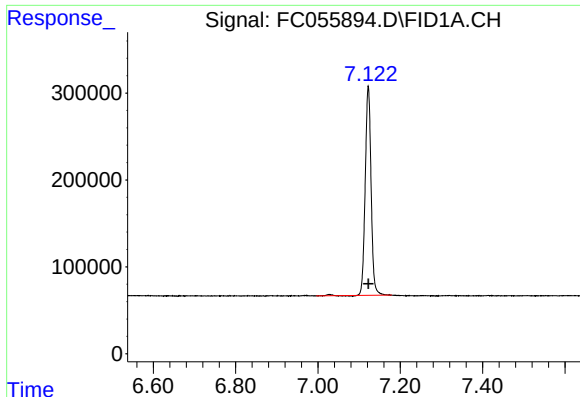
#3 A~Naphthalene (C11.7)

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 2386316
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

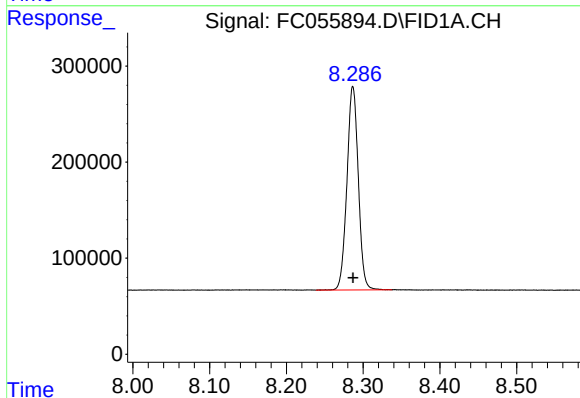
R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 2151568
Conc: 20.00 ug/ml



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

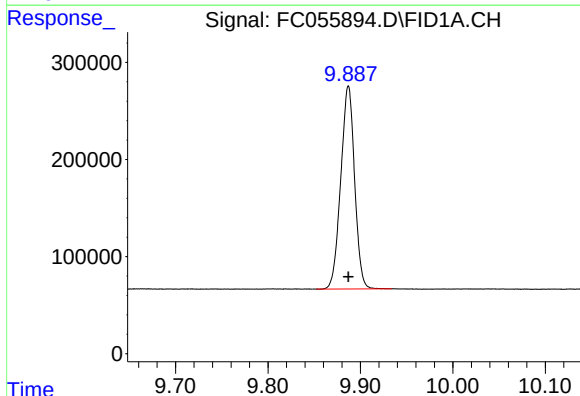
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 2388420
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



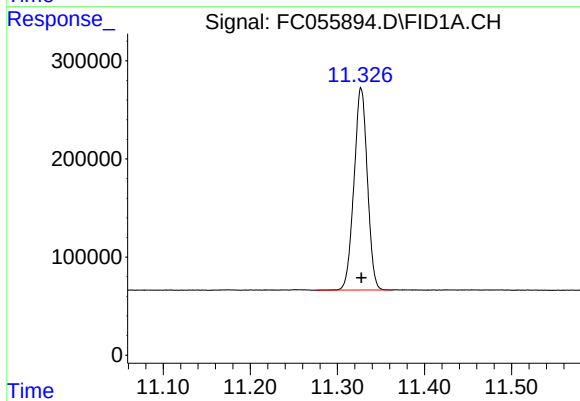
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 2176906
Conc: 20.00 ug/ml



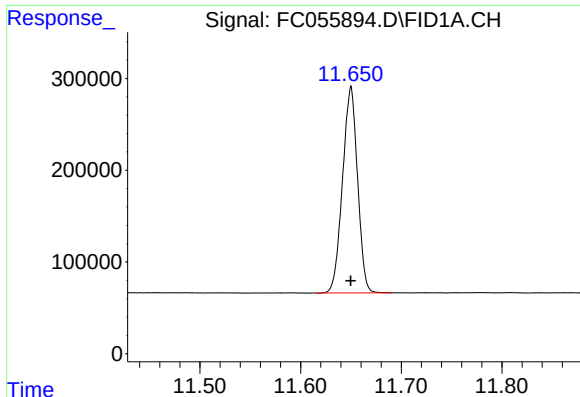
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: 0.000 min
Response: 2176928
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

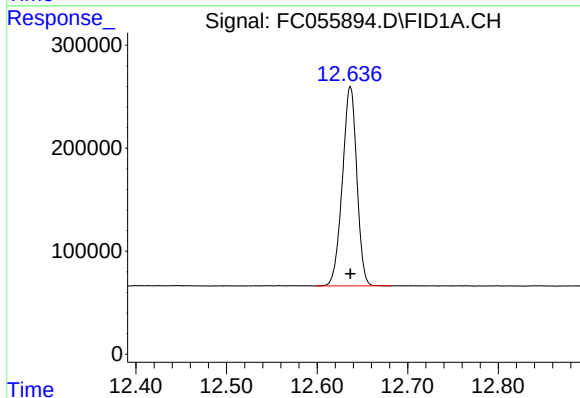
R.T.: 11.327 min
Delta R.T.: 0.000 min
Response: 2199549
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

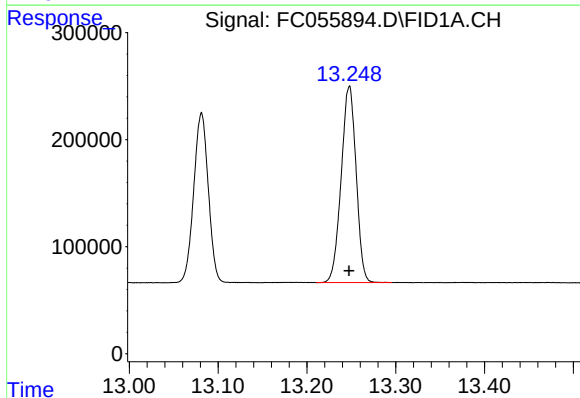
R.T.: 11.650 min
Delta R.T.: 0.000 min
Response: 2331753
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



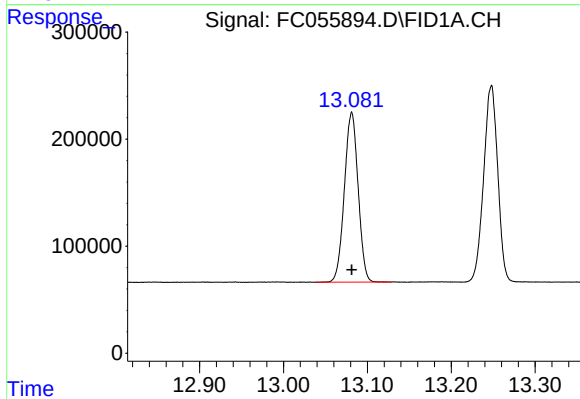
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: 0.000 min
Response: 2144102
Conc: 20.00 ug/ml



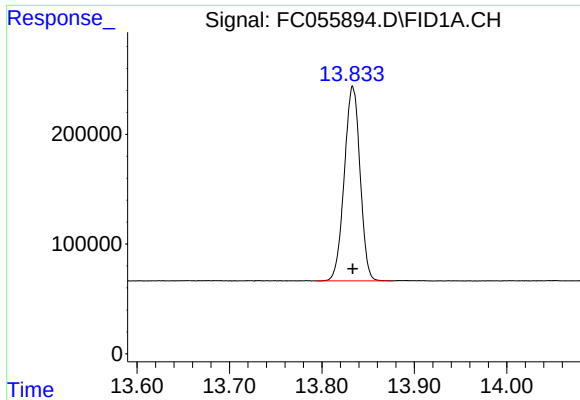
#11 n-Heneicosane (C21)

R.T.: 13.248 min
Delta R.T.: 0.000 min
Response: 2141261
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

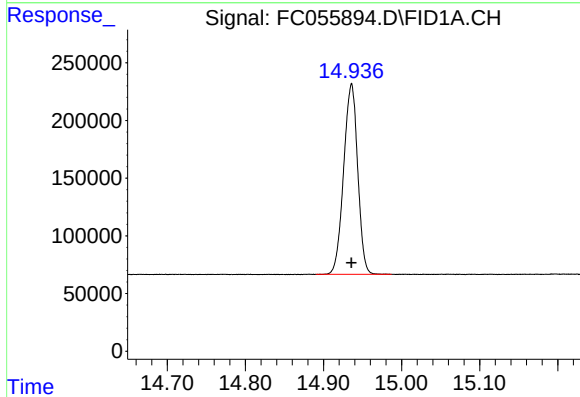
R.T.: 13.081 min
Delta R.T.: 0.000 min
Response: 1807906
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

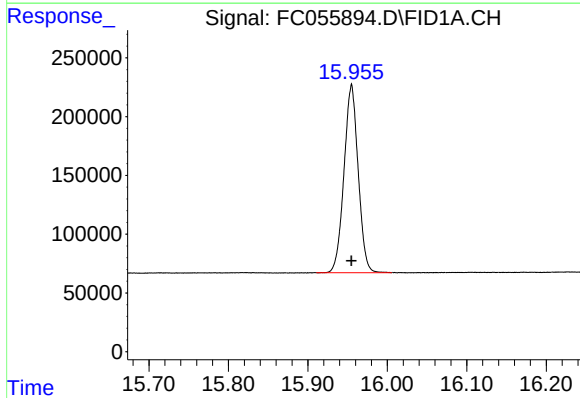
R.T.: 13.833 min
Delta R.T.: 0.000 min
Response: 2099401
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



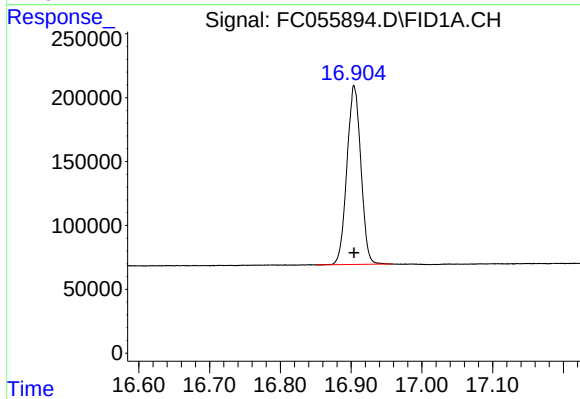
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: 0.000 min
Response: 2062546
Conc: 20.00 ug/ml



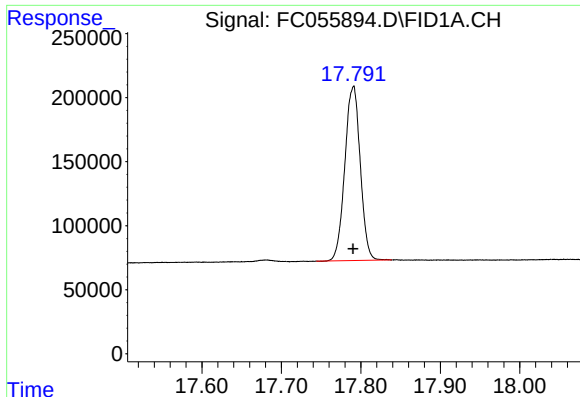
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: 0.000 min
Response: 1983102
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

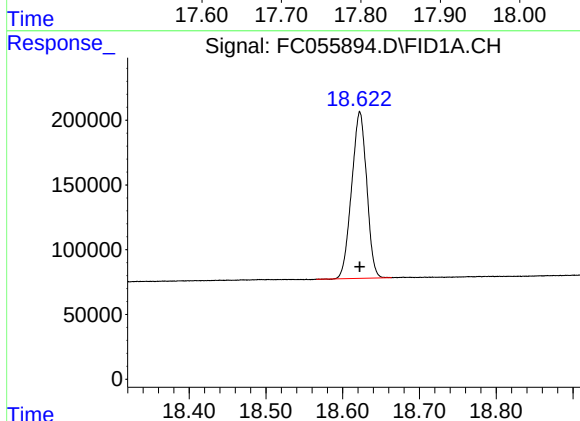
R.T.: 16.904 min
Delta R.T.: 0.000 min
Response: 1914261
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

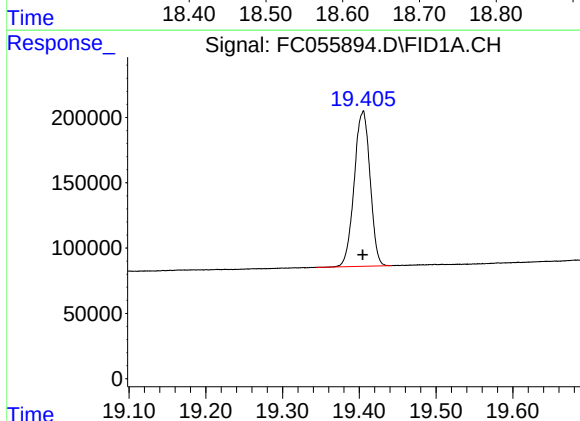
R.T.: 17.790 min
Delta R.T.: 0.000 min
Response: 1834554
Conc: 20.00 ug/ml

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FID_C
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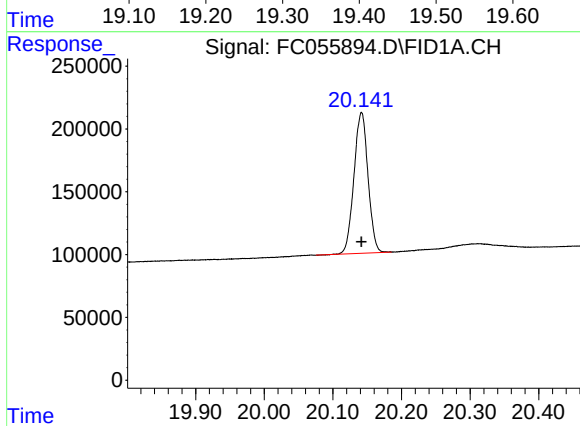
#18 n-Dotriacontane (C32)

R.T.: 18.622 min
Delta R.T.: 0.000 min
Response: 1753808
Conc: 20.00 ug/ml



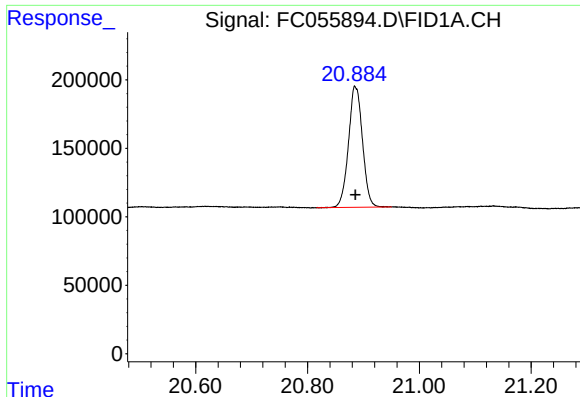
#19 n-Tetratriacontane (C34)

R.T.: 19.404 min
Delta R.T.: 0.000 min
Response: 1705056
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

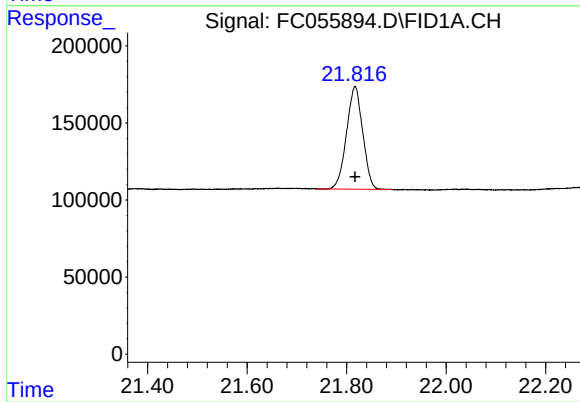
R.T.: 20.142 min
Delta R.T.: 0.000 min
Response: 1594958
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.000 min
Response: 1532692
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: 0.000 min
Response: 1503725
Conc: 20.00 ug/ml