

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123124AL\
 Data File : FC068082.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 10:24
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD3
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e
 Quant Time: Dec 31 11:10:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:10:11 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.435	3080005	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
12) S 1-chlorooctadecane (S...	12.875	2280760	20.000 ug/ml
Spiked Amount 50.000		Recovery =	40.00%
Target Compounds			
1) T n-Nonane (C9)	3.237	2738348	20.000 ug/ml
2) T n-Decane (C10)	4.296	2765034	20.000 ug/ml
3) T A~Naphthalene (C11.7)	5.865	3019700	20.000 ug/ml
4) T n-Dodecane (C12)	6.305	2768017	20.000 ug/ml
5) T A~2-methylnaphthalene...	6.918	2906053	20.000 ug/ml
6) T n-Tetradecane (C14)	8.094	2712663	20.000 ug/ml
7) T n-Hexadecane (C16)	9.690	2756761	20.000 ug/ml
8) T n-Octadecane (C18)	11.128	2767469	20.000 ug/ml
10) T n-Eicosane (C20)	12.434	2631236	20.000 ug/ml
11) T n-Heneicosane (C21)	13.044	2580423	20.000 ug/ml
13) T n-Docosane (C22)	13.630	2547722	20.000 ug/ml
14) T n-Tetracosane (C24)	14.729	2510306	20.000 ug/ml
15) T n-Hexacosane (C26)	15.747	2449998	20.000 ug/ml
16) T n-Octacosane (C28)	16.696	2377253	20.000 ug/ml
17) T n-Tricontane (C30)	17.580	2374393	20.000 ug/ml
18) T n-Dotriacontane (C32)	18.411	2256224	20.000 ug/ml
19) T n-Tetratriacontane (C34)	19.193	1981724	20.000 ug/ml
20) T n-Hexatriacontane (C36)	19.932	1733452	20.000 ug/ml
21) T n-Octatriacontane (C38)	20.645	1648880	20.000 ug/ml
22) T n-Tetracontane (C40)	21.509	1616099	20.000 ug/ml

(f)=RT Delta > 1/2 Window

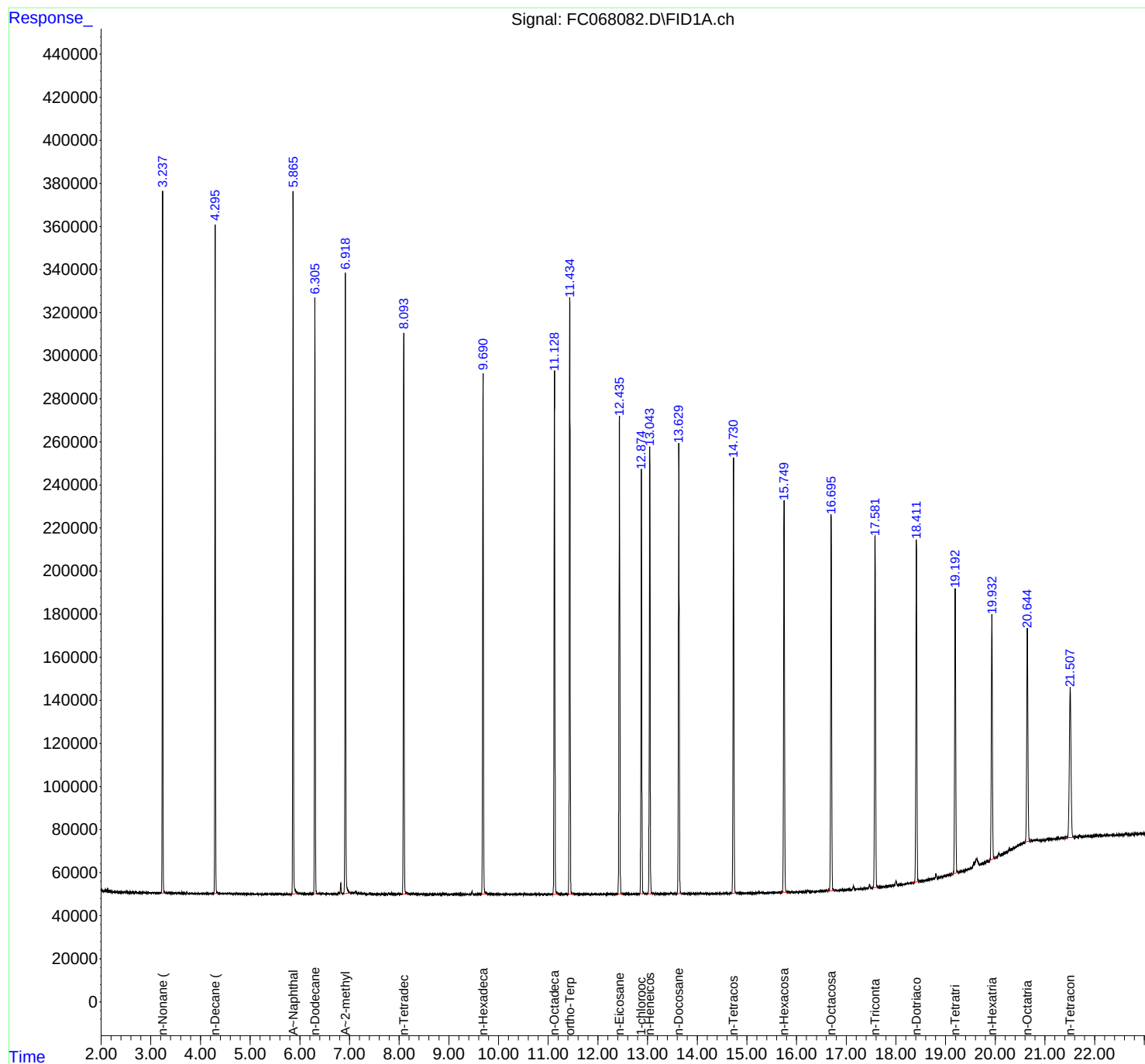
(m)=manual int.

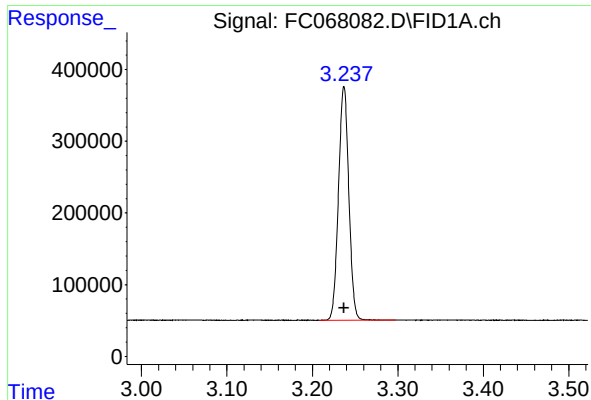
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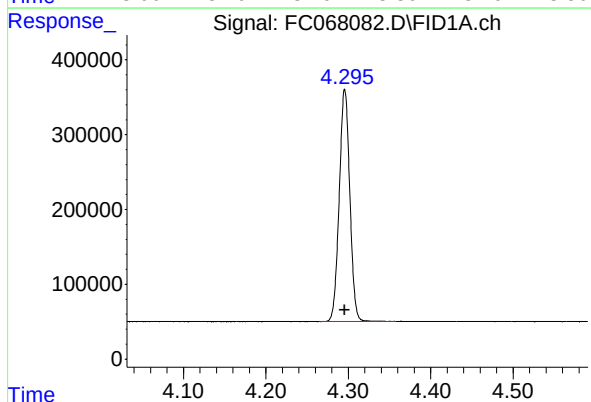




#1 n-Nonane (C9)

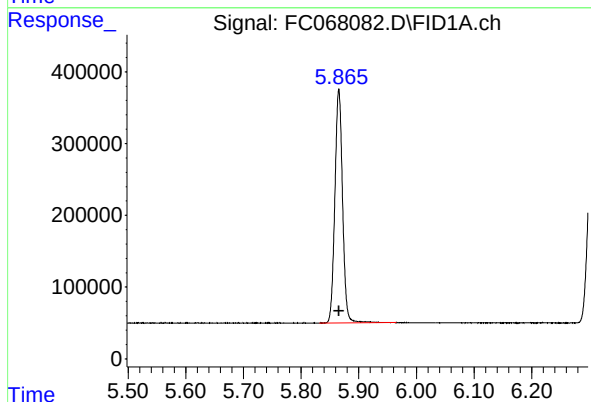
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 2738348
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



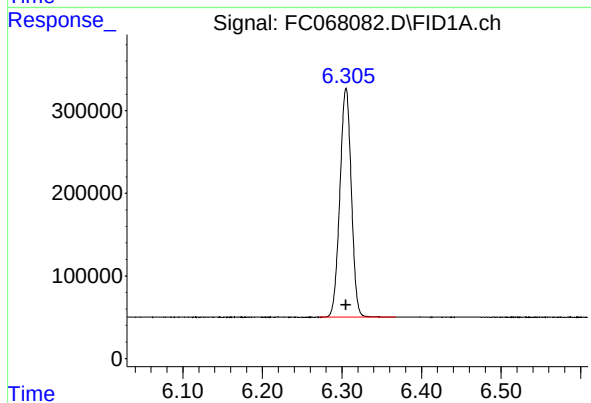
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: 0.000 min
Response: 2765034
Conc: 20.00 ug/ml



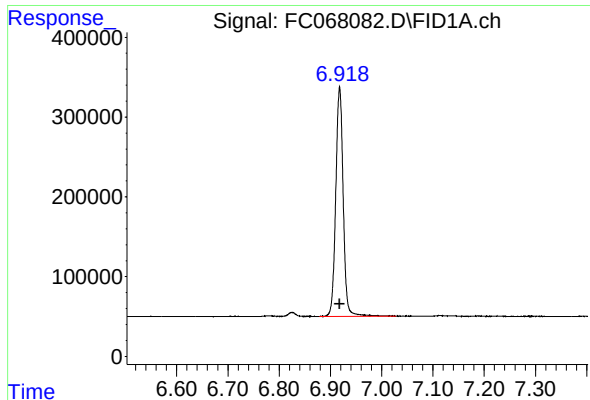
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 3019700
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

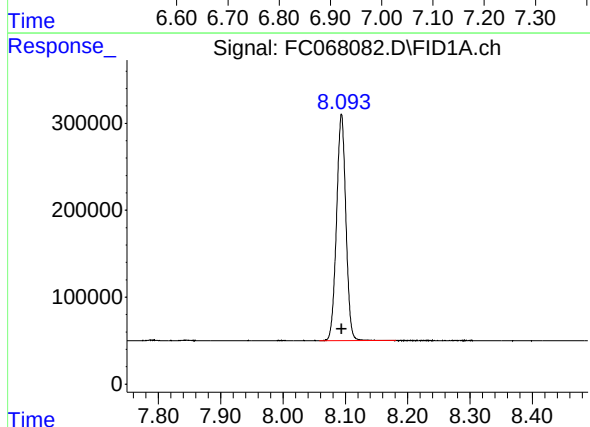
R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 2768017
Conc: 20.00 ug/ml



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

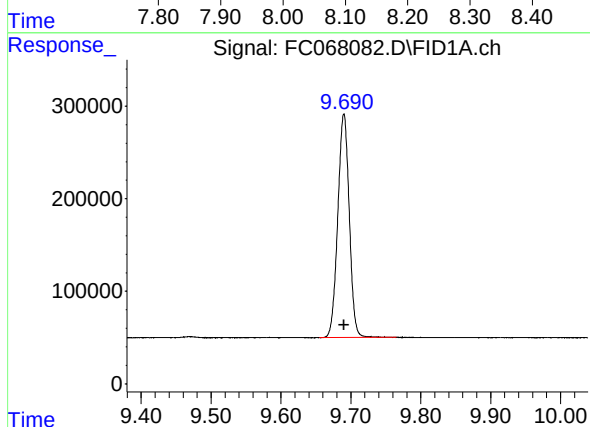
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 2906053
Conc: 20.00 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD3



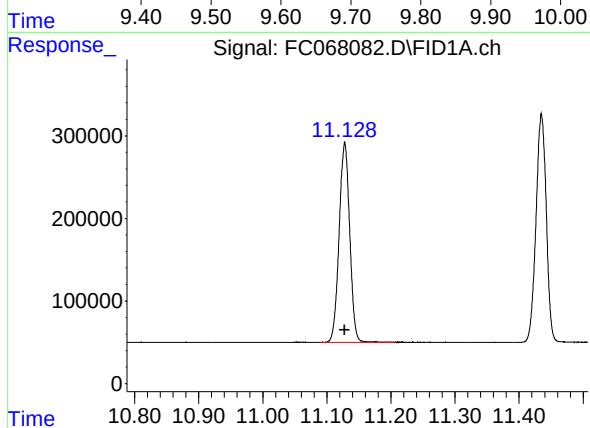
#6 n-Tetradecane (C14)

R.T.: 8.094 min
Delta R.T.: 0.000 min
Response: 2712663
Conc: 20.00 ug/ml



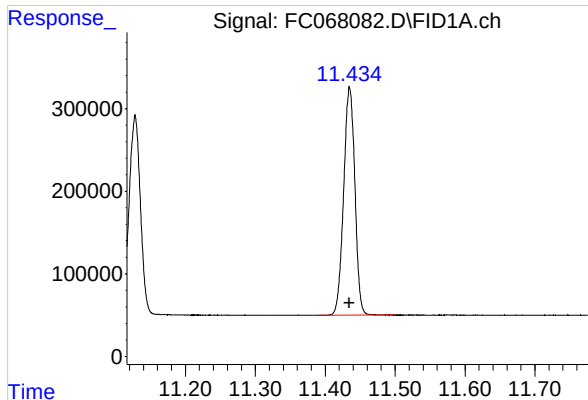
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 2756761
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

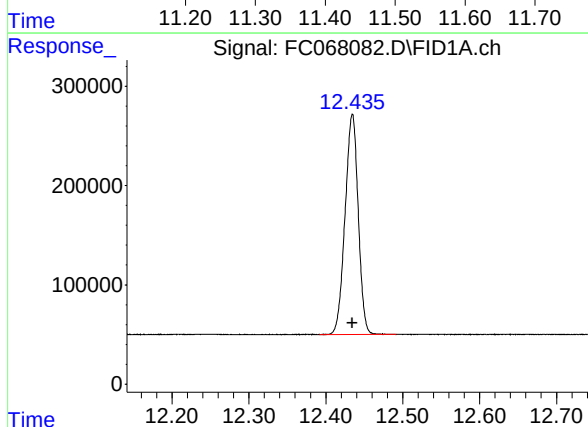
R.T.: 11.128 min
Delta R.T.: 0.000 min
Response: 2767469
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

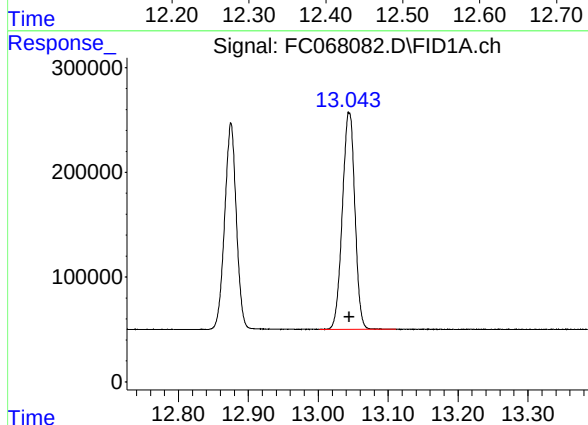
R.T.: 11.435 min
Delta R.T.: 0.000 min
Response: 3080005
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



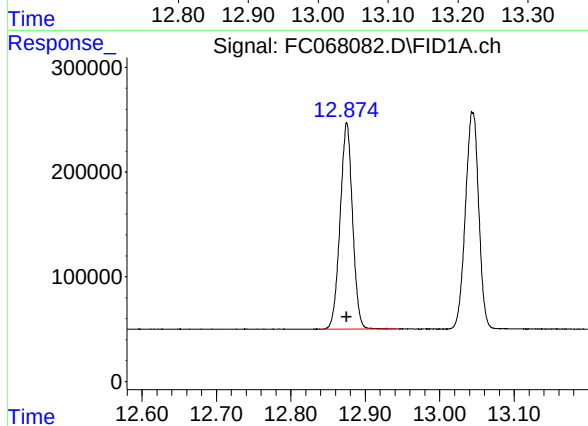
#10 n-Eicosane (C20)

R.T.: 12.434 min
Delta R.T.: 0.000 min
Response: 2631236
Conc: 20.00 ug/ml



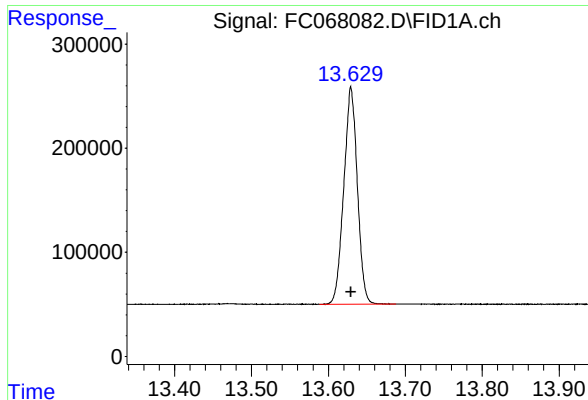
#11 n-Heneicosane (C21)

R.T.: 13.044 min
Delta R.T.: 0.000 min
Response: 2580423
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

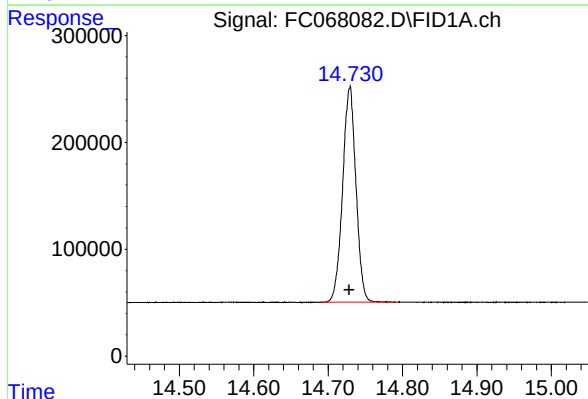
R.T.: 12.875 min
Delta R.T.: 0.000 min
Response: 2280760
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

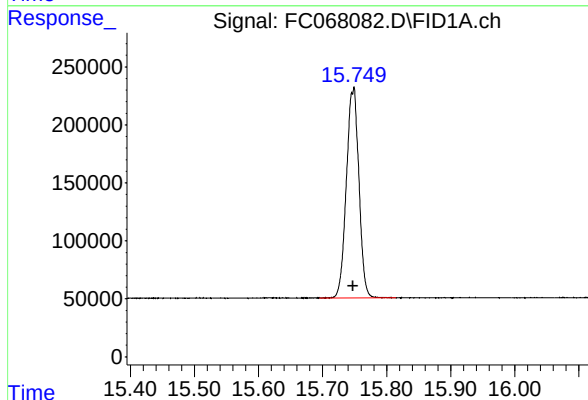
R.T.: 13.630 min
Delta R.T.: 0.000 min
Response: 2547722
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



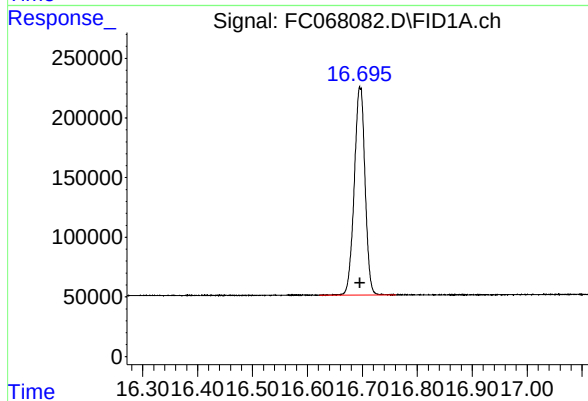
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: 0.000 min
Response: 2510306
Conc: 20.00 ug/ml



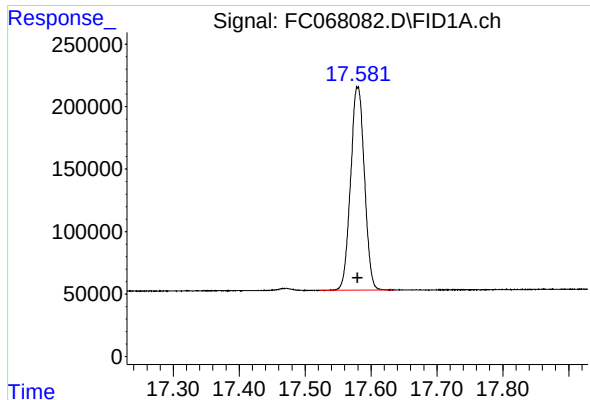
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: 0.000 min
Response: 2449998
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

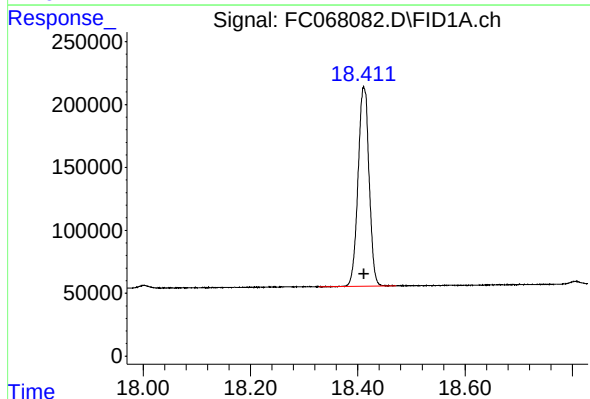
R.T.: 16.696 min
Delta R.T.: 0.000 min
Response: 2377253
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

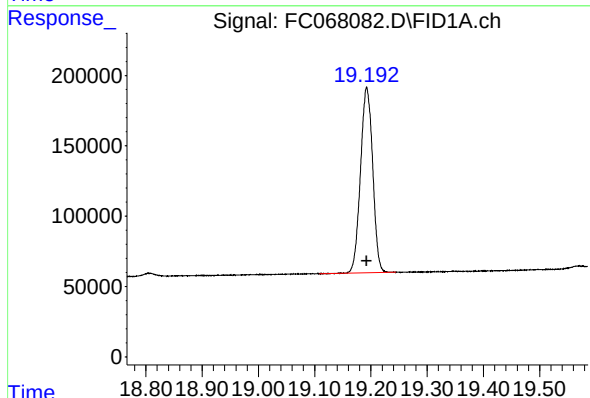
R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 2374393
Conc: 20.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD3



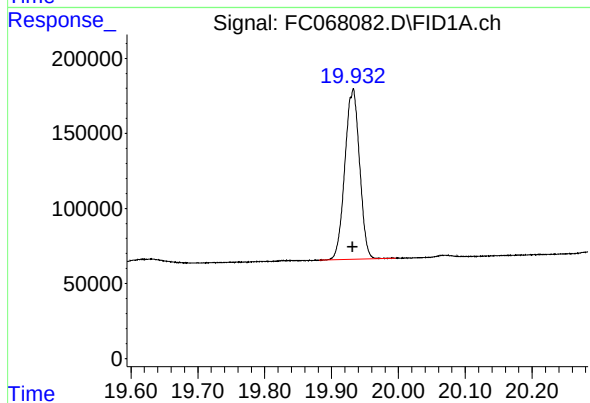
#18 n-Dotriacontane (C32)

R.T.: 18.411 min
Delta R.T.: 0.000 min
Response: 2256224
Conc: 20.00 ug/ml



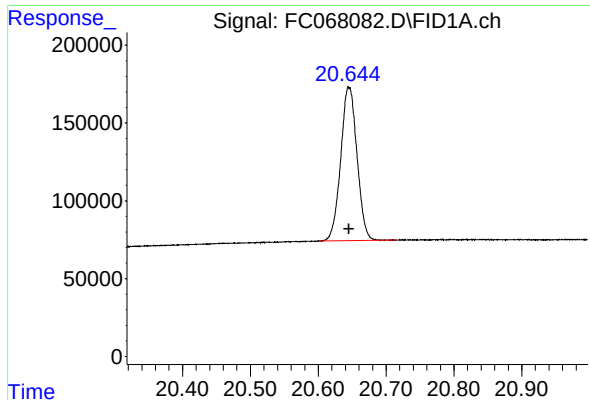
#19 n-Tetratriacontane (C34)

R.T.: 19.193 min
Delta R.T.: 0.000 min
Response: 1981724
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

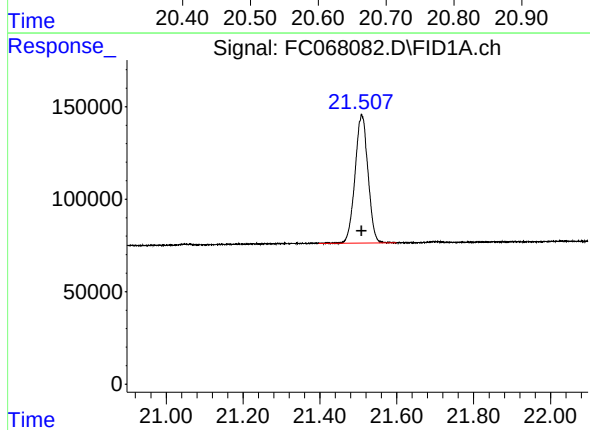
R.T.: 19.932 min
Delta R.T.: 0.000 min
Response: 1733452
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.645 min
Delta R.T.: 0.000 min
Response: 1648880
Conc: 20.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.509 min
Delta R.T.: 0.000 min
Response: 1616099
Conc: 20.00 ug/ml