

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112922AL\
 Data File : FD044543.D
 Signal(s) : FID2B.ch
 Acq On : 29 Nov 2022 03:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 29 03:57:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 03:56:58 2022
 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)	11.573	3011327	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
12) S 1-chlorooctadecane (S...	12.997	2304503	19.774 ug/ml
Spiked Amount 50.000		Recovery =	39.55%
Target Compounds			
1) T n-Nonane (C9)	3.394	2687307	19.796 ug/ml
2) T n-Decane (C10)	4.454	2640214	19.765 ug/ml
3) T A~Naphthalene (C11.7)	6.028	3067357	19.759 ug/ml
4) T n-Dodecane (C12)	6.455	2683781	19.733 ug/ml
5) T A~2-methylnaphthalene...	7.075	2913086	19.767 ug/ml
6) T n-Tetradecane (C14)	8.236	2721529	19.721 ug/ml
7) T n-Hexadecane (C16)	9.825	2773204	19.778 ug/ml
8) T n-Octadecane (C18)	11.257	2768528	19.761 ug/ml
10) T n-Eicosane (C20)	12.556	2665100	19.737 ug/ml
11) T n-Heneicosane (C21)	13.163	2676437	19.804 ug/ml
13) T n-Docosane (C22)	13.744	2634949	19.796 ug/ml
14) T n-Tetracosane (C24)	14.839	2586761	19.733 ug/ml
15) T n-Hexacosane (C26)	15.851	2500422	19.746 ug/ml
16) T n-Octacosane (C28)	16.793	2429390	19.710 ug/ml
17) T n-Tricontane (C30)	17.673	2371851	19.659 ug/ml
18) T n-Dotriacontane (C32)	18.498	2351211	19.658 ug/ml
19) T n-Tetratriacontane (C34)	19.275	2323406	19.630 ug/ml
20) T n-Hexatriacontane (C36)	20.009	2235652	19.722 ug/ml
21) T n-Octatriacontane (C38)	20.724	2231585	19.706 ug/ml
22) T n-Tetracontane (C40)	21.596	2214244	19.580 ug/ml

(f)=RT Delta > 1/2 Window

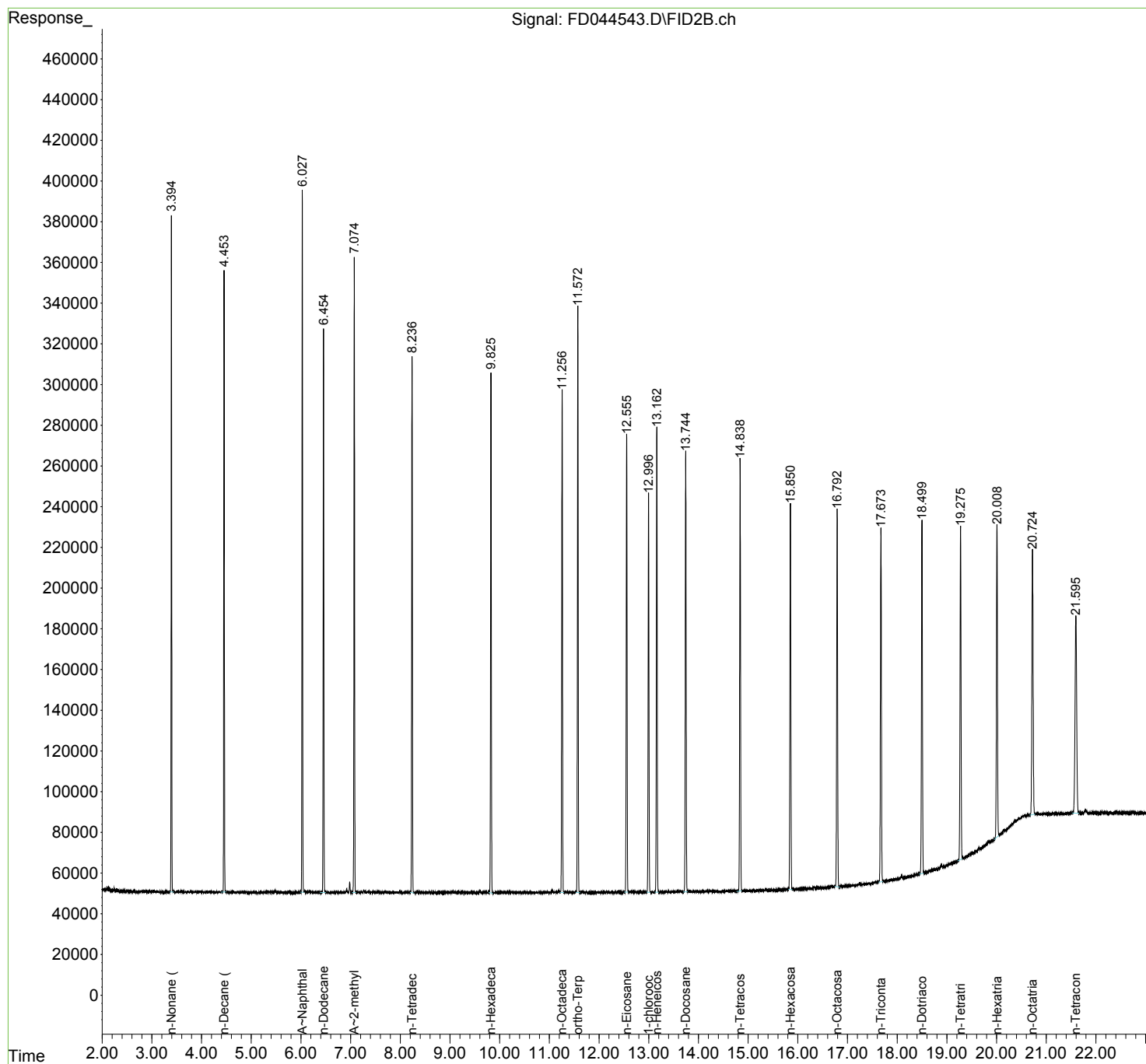
(m)=manual int.

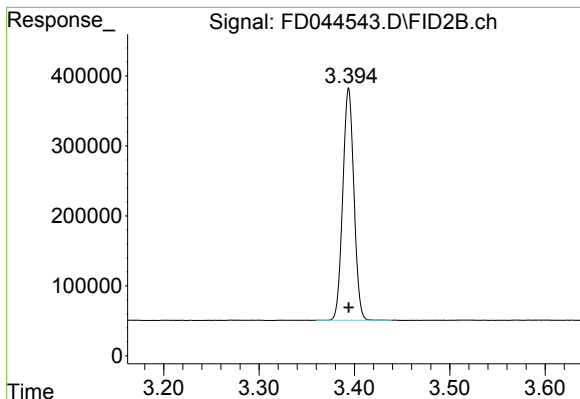
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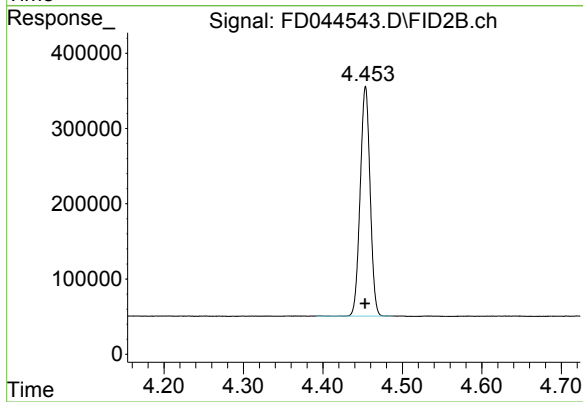




#1 n-Nonane (C9)

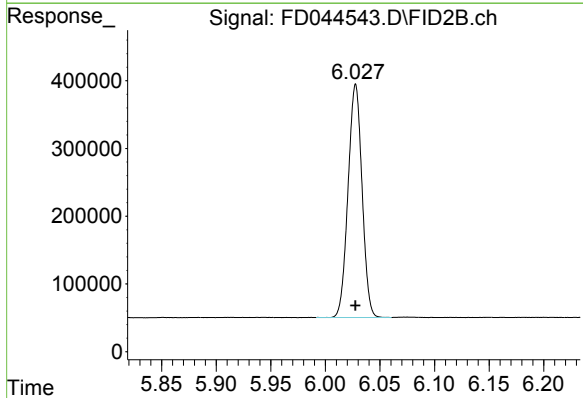
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 2687307
Conc: 19.80 ug/ml

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20 PPM ALIPHATIC HC STD ICV



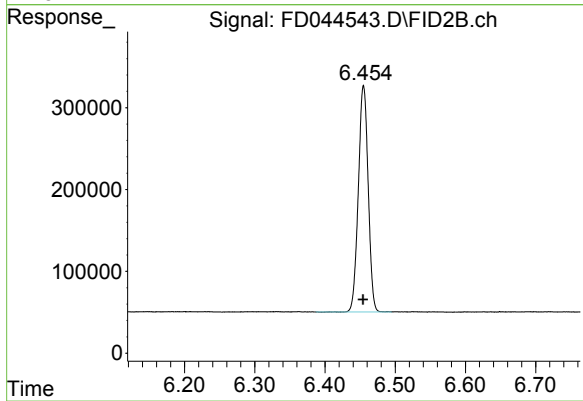
#2 n-Decane (C10)

R.T.: 4.454 min
Delta R.T.: 0.000 min
Response: 2640214
Conc: 19.76 ug/ml



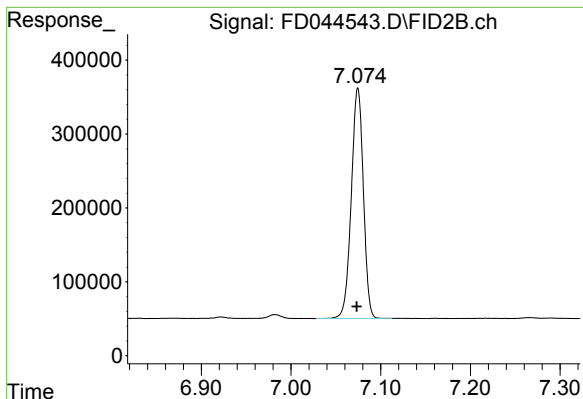
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 3067357
Conc: 19.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 2683781
Conc: 19.73 ug/ml



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

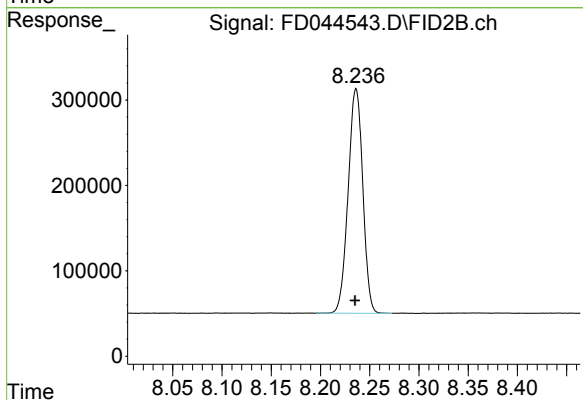
R.T.: 7.075 min
Delta R.T.: 0.001 min
Response: 2913086
Conc: 19.77 ug/ml

Instrument :

FID_D

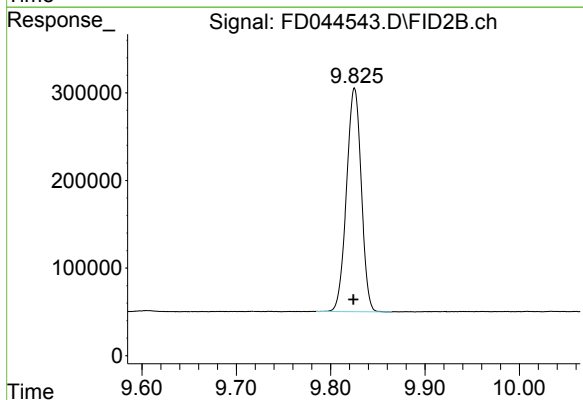
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



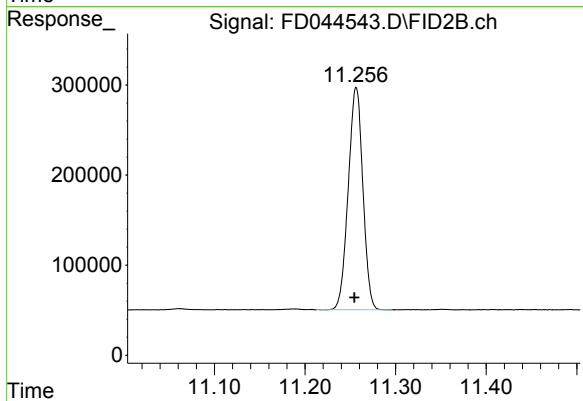
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 2721529
Conc: 19.72 ug/ml



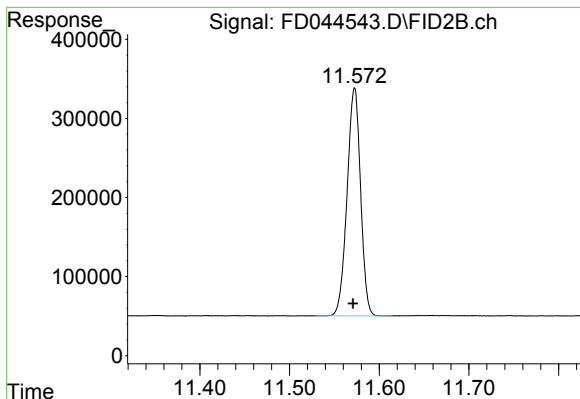
#7 n-Hexadecane (C16)

R.T.: 9.825 min
Delta R.T.: 0.001 min
Response: 2773204
Conc: 19.78 ug/ml



#8 n-Octadecane (C18)

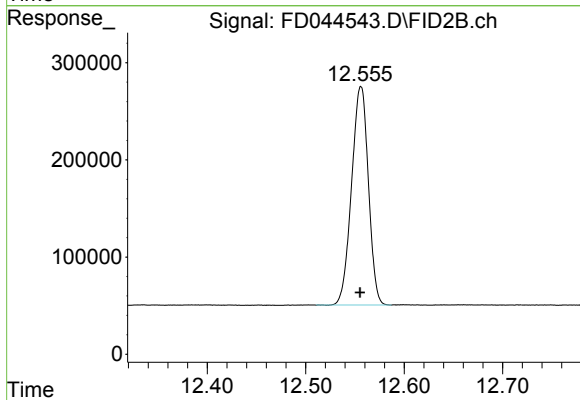
R.T.: 11.257 min
Delta R.T.: 0.002 min
Response: 2768528
Conc: 19.76 ug/ml



#9 ortho-Terphenyl (SURR)

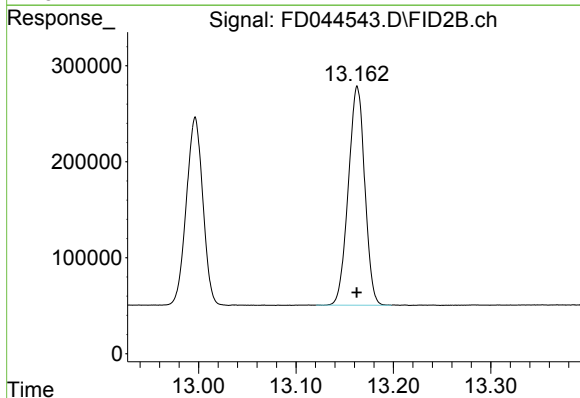
R.T.: 11.573 min
Delta R.T.: 0.002 min
Response: 3011327
Conc: 19.77 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



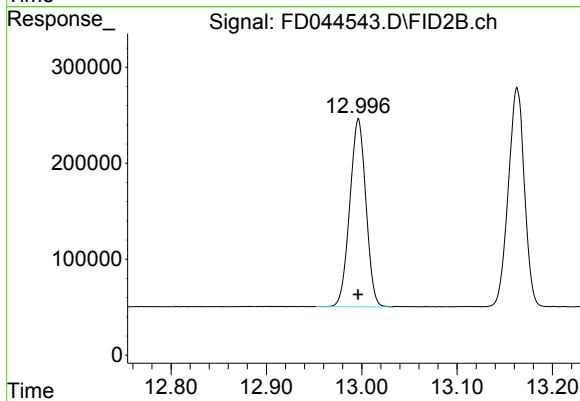
#10 n-Eicosane (C20)

R.T.: 12.556 min
Delta R.T.: 0.001 min
Response: 2665100
Conc: 19.74 ug/ml



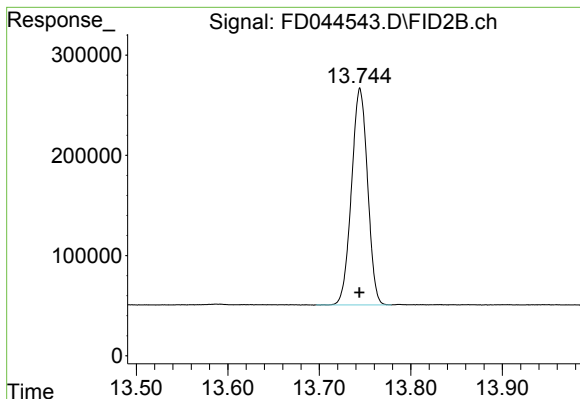
#11 n-Heneicosane (C21)

R.T.: 13.163 min
Delta R.T.: 0.000 min
Response: 2676437
Conc: 19.80 ug/ml



#12 1-chlorooctadecane (SURR)

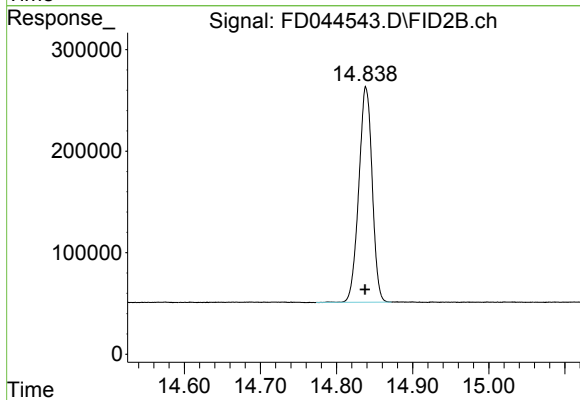
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 2304503
Conc: 19.77 ug/ml



#13 n-Docosane (C22)

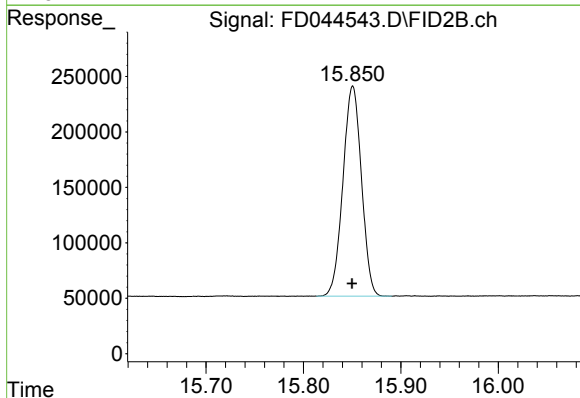
R.T.: 13.744 min
Delta R.T.: 0.000 min
Response: 2634949
Conc: 19.80 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



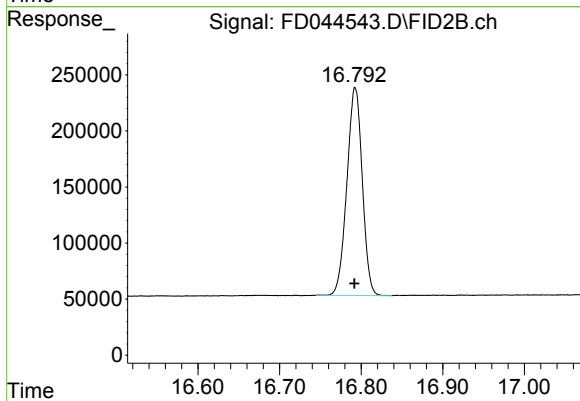
#14 n-Tetracosane (C24)

R.T.: 14.839 min
Delta R.T.: 0.001 min
Response: 2586761
Conc: 19.73 ug/ml



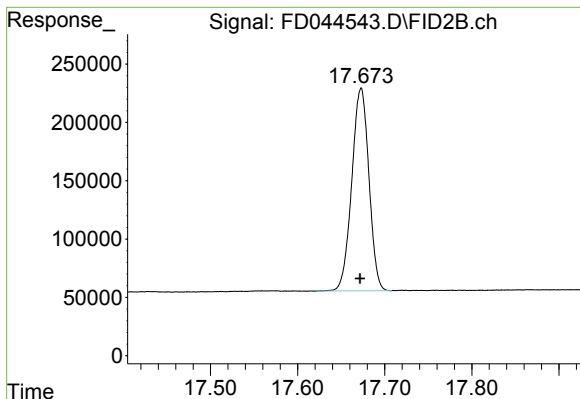
#15 n-Hexacosane (C26)

R.T.: 15.851 min
Delta R.T.: 0.000 min
Response: 2500422
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.793 min
Delta R.T.: 0.000 min
Response: 2429390
Conc: 19.71 ug/ml



#17 n-Tricontane (C30)

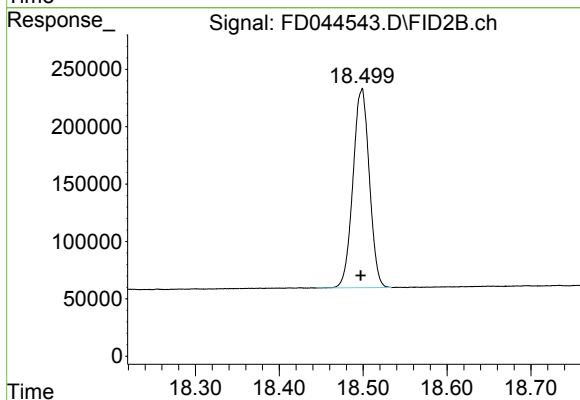
R.T.: 17.673 min
Delta R.T.: 0.001 min
Response: 2371851
Conc: 19.66 ug/ml

Instrument :

FID_D

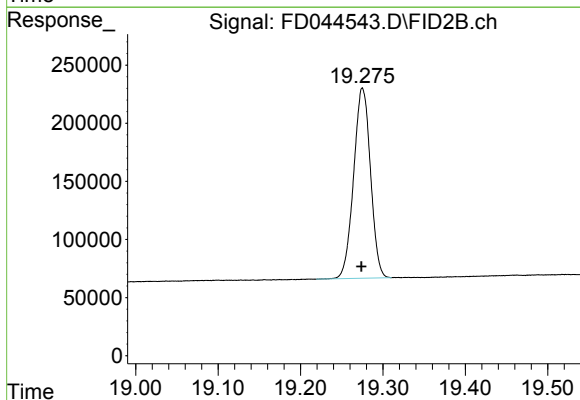
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



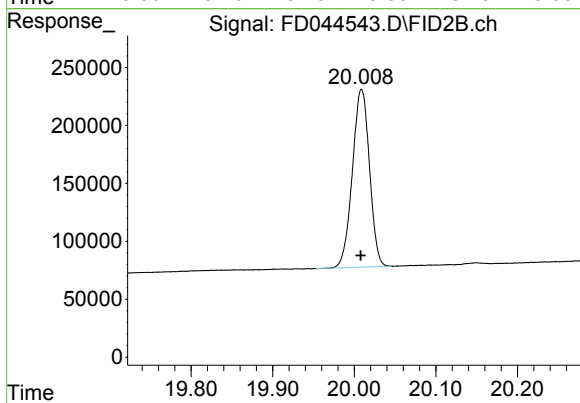
#18 n-Dotriacontane (C32)

R.T.: 18.498 min
Delta R.T.: 0.001 min
Response: 2351211
Conc: 19.66 ug/ml



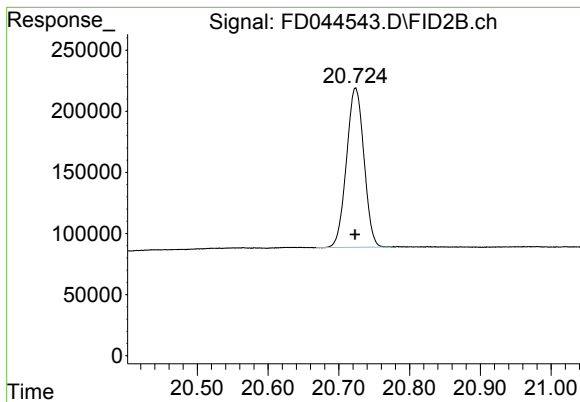
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.001 min
Response: 2323406
Conc: 19.63 ug/ml



#20 n-Hexatriacontane (C36)

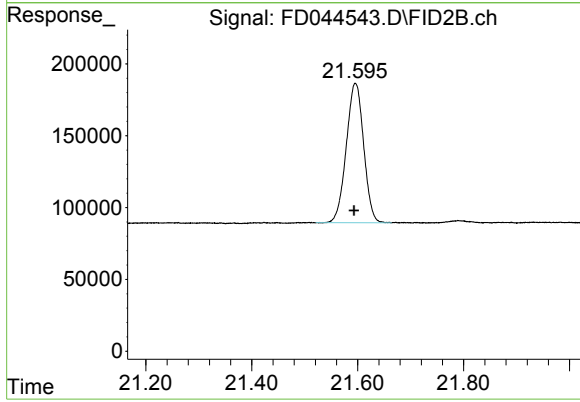
R.T.: 20.009 min
Delta R.T.: 0.001 min
Response: 2235652
Conc: 19.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.724 min
Delta R.T.: 0.000 min
Response: 2231585
Conc: 19.71 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.002 min
Response: 2214244
Conc: 19.58 ug/ml