

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066614.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 13:42
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jun 17 14:38:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:44:39 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)	11.545	3347382	19.407 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	12.984	2641812	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
Target Compounds			
1) T n-Nonane (C9)	3.299	2841531	19.557 ug/ml
2) T n-Decane (C10)	4.367	2923493	19.600 ug/ml
3) T A~Naphthalene (C11.7)	5.954	3211232	19.778 ug/ml
4) T n-Dodecane (C12)	6.388	2975856	19.635 ug/ml
5) T A~2-methylnaphthalene...	7.011	3132800	19.720 ug/ml
6) T n-Tetradecane (C14)	8.185	2973792	19.605 ug/ml
7) T n-Hexadecane (C16)	9.787	3131726	19.550 ug/ml
8) T n-Octadecane (C18)	11.230	3217438	19.391 ug/ml
10) T n-Eicosane (C20)	12.540	3128527	19.245 ug/ml
11) T n-Heneicosane (C21)	13.152	3088529	19.169 ug/ml
13) T n-Docosane (C22)	13.738	3072214	19.163 ug/ml
14) T n-Tetracosane (C24)	14.841	3045235	19.188 ug/ml
15) T n-Hexacosane (C26)	15.862	2941430	19.264 ug/ml
16) T n-Octacosane (C28)	16.813	2794993	19.376 ug/ml
17) T n-Tricontane (C30)	17.700	2713339	19.421 ug/ml
18) T n-Dotriacontane (C32)	18.533	2571782	19.487 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2431734	19.662 ug/ml
20) T n-Hexatriacontane (C36)	20.057	2268428	18.822 ug/ml
21) T n-Octatriacontane (C38)	20.790	2180363	19.068 ug/ml
22) T n-Tetracontane (C40)	21.699	2250950	20.042 ug/ml

(f)=RT Delta > 1/2 Window

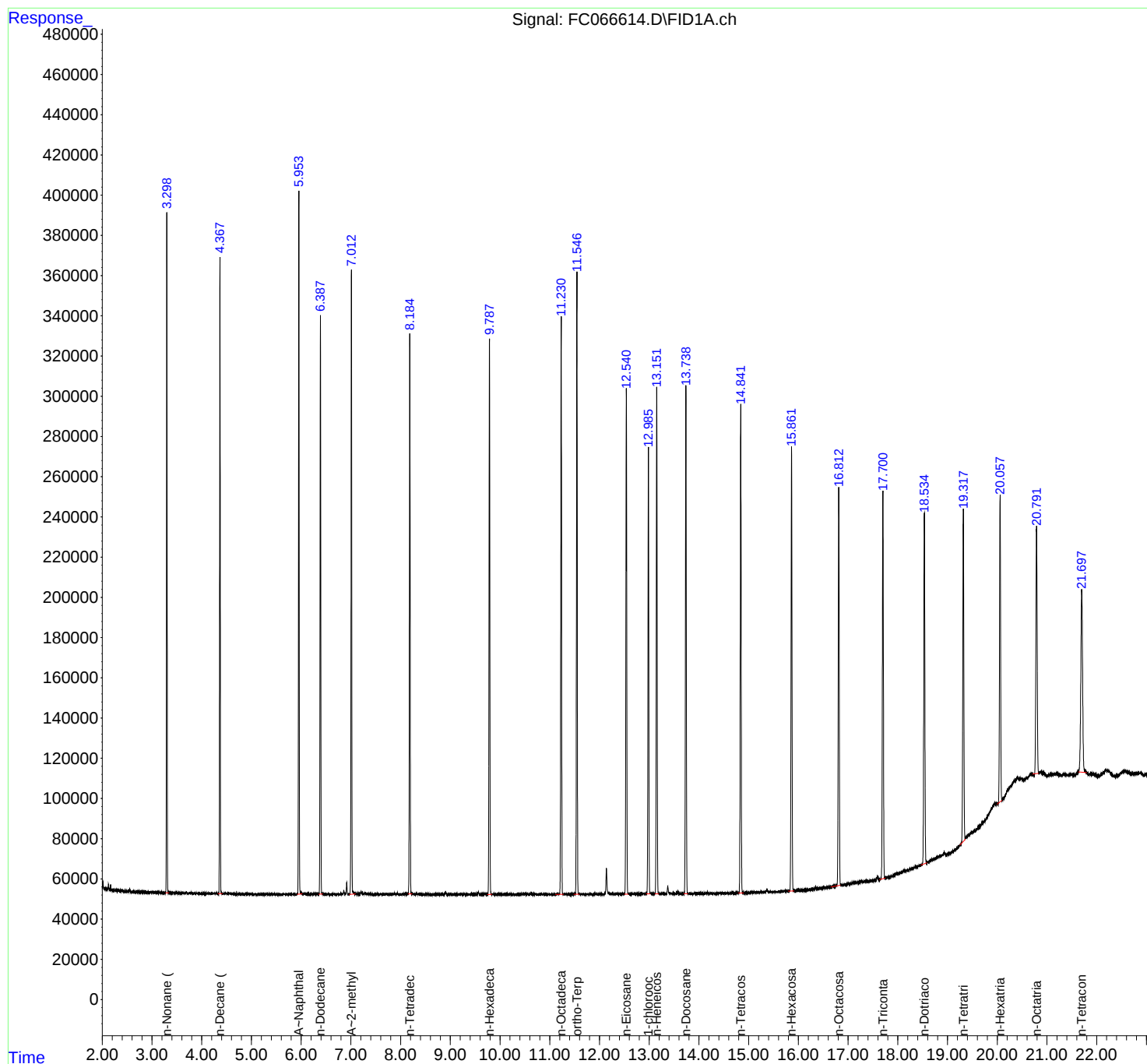
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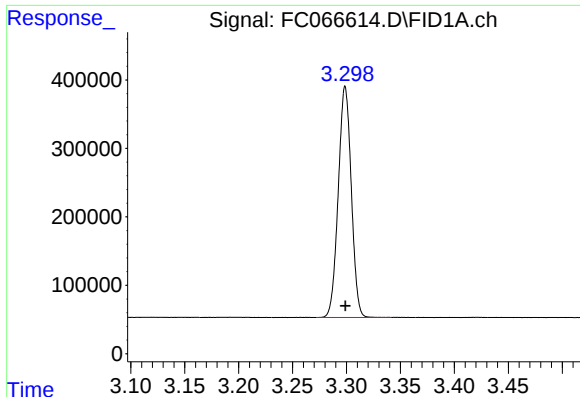
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
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#1 n-Nonane (C9)

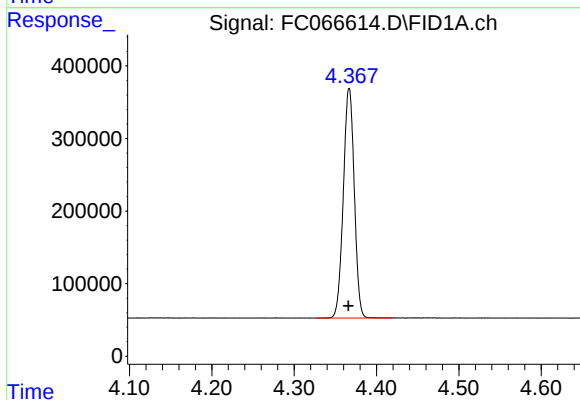
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 2841531
Conc: 19.56 ug/ml

Instrument :

FID_C

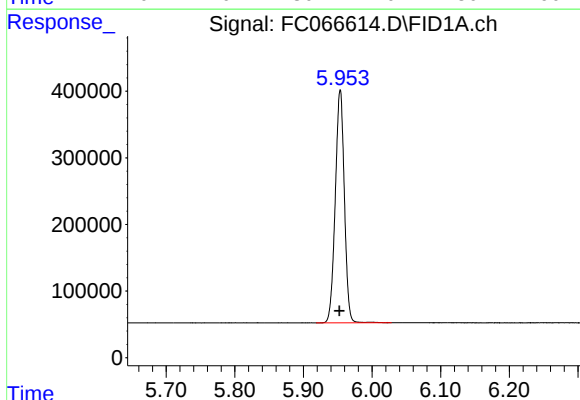
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



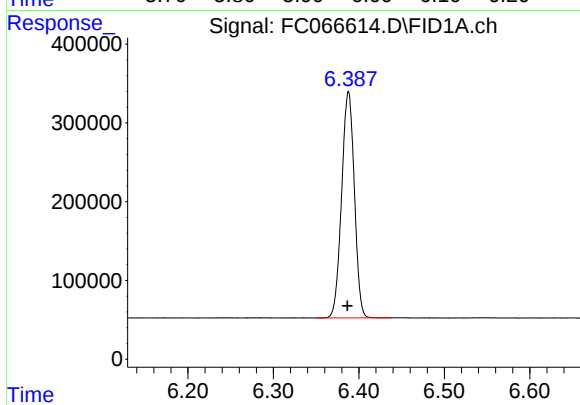
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 2923493
Conc: 19.60 ug/ml



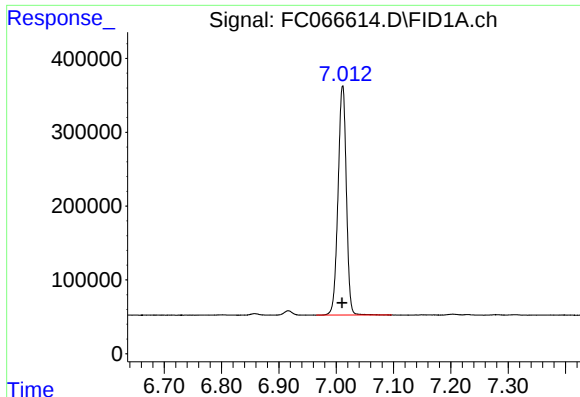
#3 A~Naphthalene (C11.7)

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 3211232
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

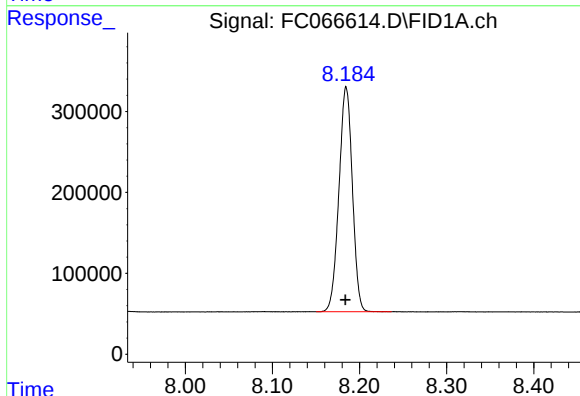
R.T.: 6.388 min
Delta R.T.: 0.001 min
Response: 2975856
Conc: 19.64 ug/ml



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

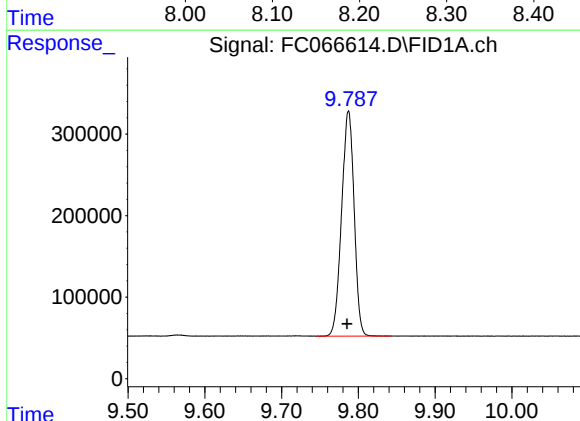
R.T.: 7.011 min
Delta R.T.: 0.001 min
Response: 3132800
Conc: 19.72 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV



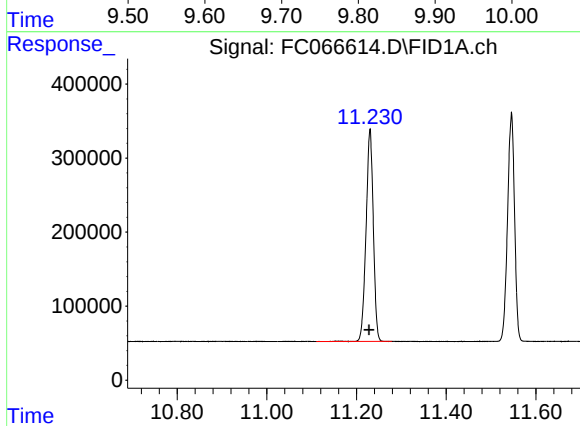
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.001 min
Response: 2973792
Conc: 19.60 ug/ml



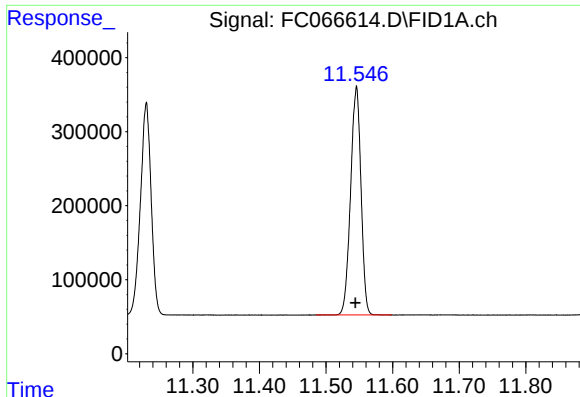
#7 n-Hexadecane (C16)

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 3131726
Conc: 19.55 ug/ml



#8 n-Octadecane (C18)

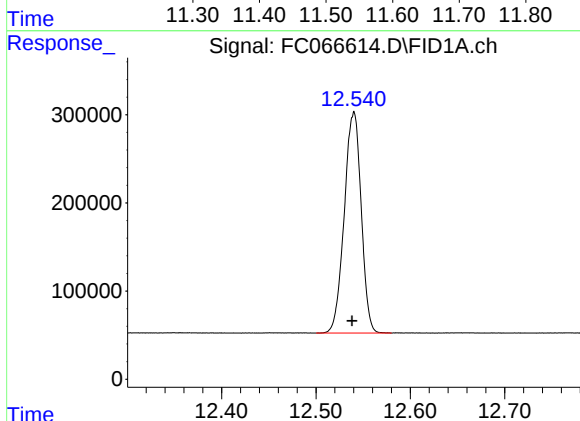
R.T.: 11.230 min
Delta R.T.: 0.002 min
Response: 3217438
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

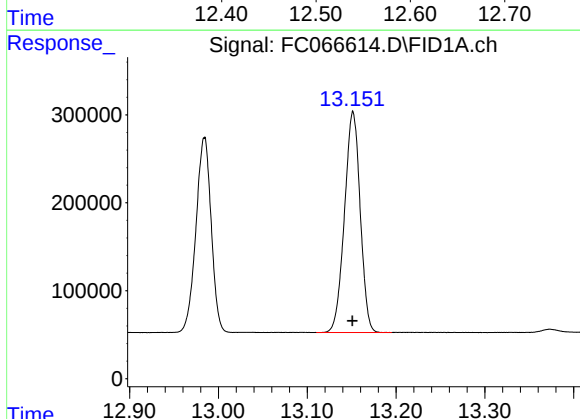
R.T.: 11.545 min
Delta R.T.: 0.001 min
Response: 3347382
Conc: 19.41 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



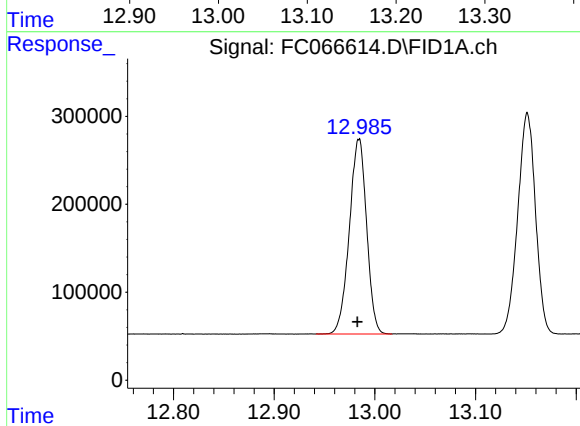
#10 n-Eicosane (C20)

R.T.: 12.540 min
Delta R.T.: 0.002 min
Response: 3128527
Conc: 19.24 ug/ml



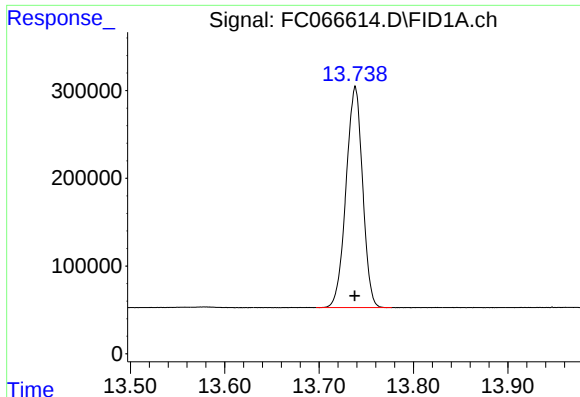
#11 n-Heneicosane (C21)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 3088529
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.984 min
Delta R.T.: 0.001 min
Response: 2641812
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

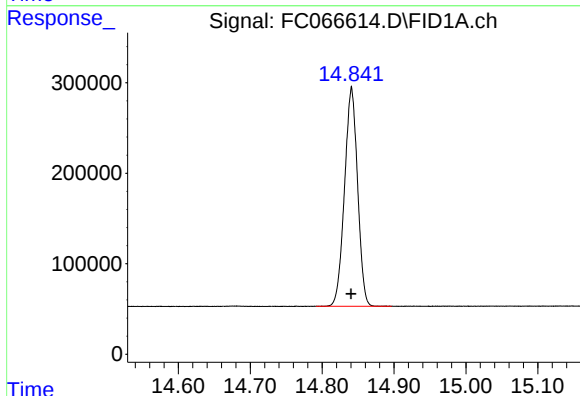
R.T.: 13.738 min
Delta R.T.: 0.000 min
Response: 3072214
Conc: 19.16 ug/ml

Instrument :

FID_C

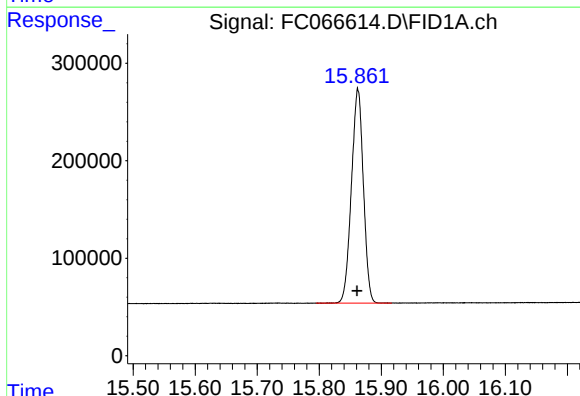
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



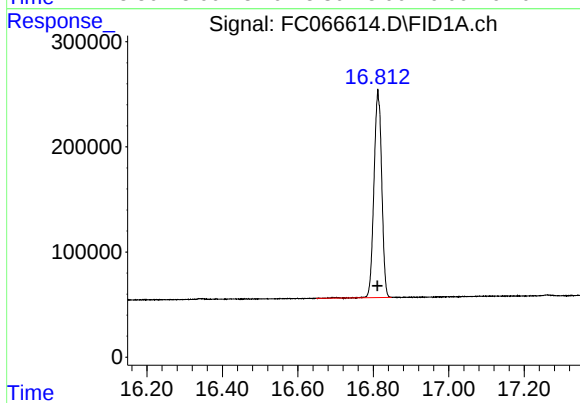
#14 n-Tetracosane (C24)

R.T.: 14.841 min
Delta R.T.: 0.000 min
Response: 3045235
Conc: 19.19 ug/ml



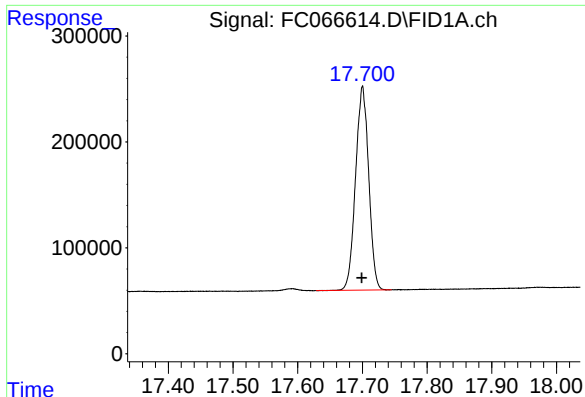
#15 n-Hexacosane (C26)

R.T.: 15.862 min
Delta R.T.: 0.002 min
Response: 2941430
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.813 min
Delta R.T.: 0.002 min
Response: 2794993
Conc: 19.38 ug/ml



#17 n-Tricontane (C30)

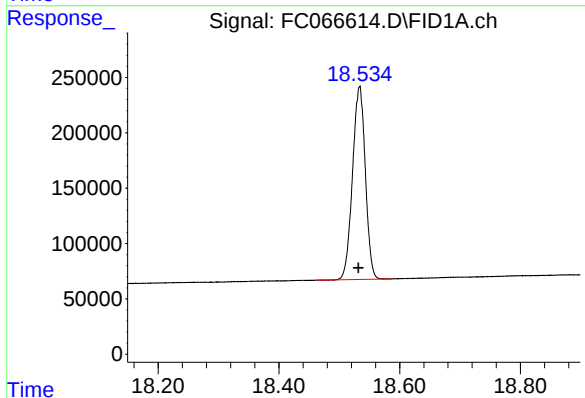
R.T.: 17.700 min
Delta R.T.: 0.001 min
Response: 2713339
Conc: 19.42 ug/ml

Instrument :

FID_C

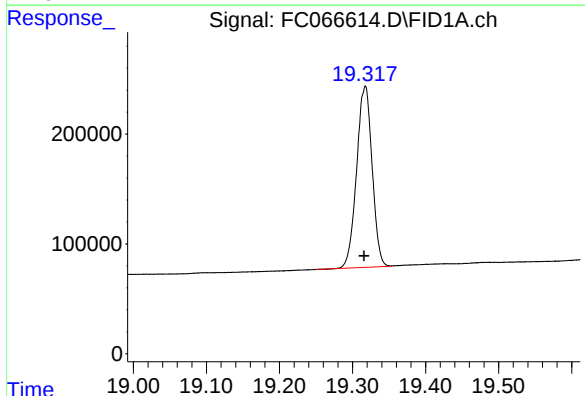
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



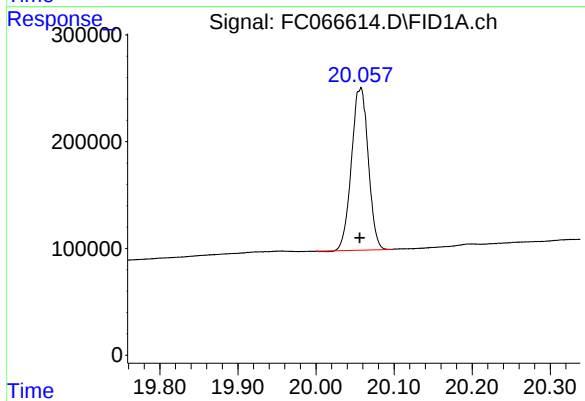
#18 n-Dotriacontane (C32)

R.T.: 18.533 min
Delta R.T.: 0.002 min
Response: 2571782
Conc: 19.49 ug/ml



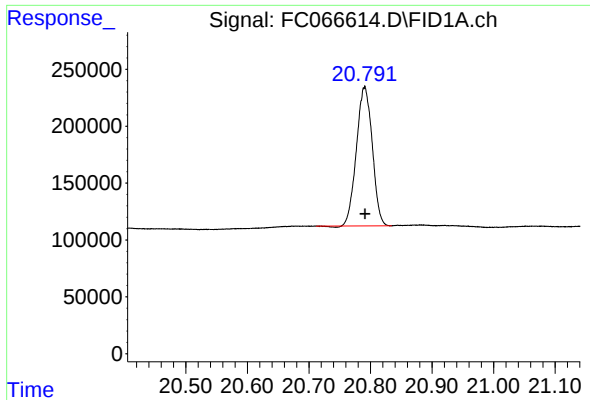
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: 0.001 min
Response: 2431734
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

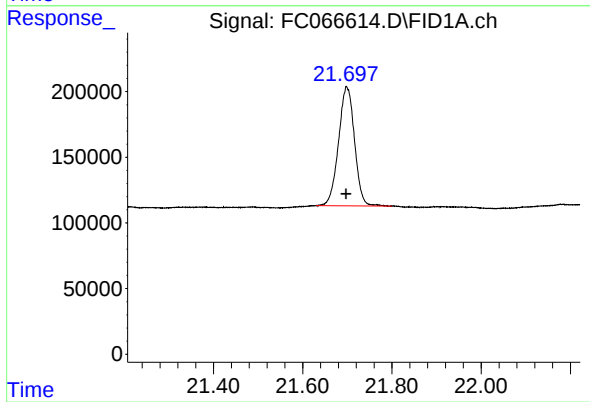
R.T.: 20.057 min
Delta R.T.: 0.000 min
Response: 2268428
Conc: 18.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.790 min
Delta R.T.: 0.000 min
Response: 2180363
Conc: 19.07 ug/ml

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20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.002 min
Response: 2250950
Conc: 20.04 ug/ml