

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061724AL\
 Data File : FC066613.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jun 2024 13:05
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 17 13:43:50 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:43:41 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)	11.544	933638	5.413 ug/ml
Spiked Amount 50.000		Recovery =	10.83%
12) S 1-chlorooctadecane (S...	12.983	744403	5.395 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
Target Compounds			
1) T n-Nonane (C9)	3.299	804024	5.534 ug/ml
2) T n-Decane (C10)	4.366	821943	5.510 ug/ml
3) T A~Naphthalene (C11.7)	5.953	892073	5.494 ug/ml
4) T n-Dodecane (C12)	6.387	834142	5.504 ug/ml
5) T A~2-methylnaphthalene...	7.010	868682	5.468 ug/ml
6) T n-Tetradecane (C14)	8.184	826630	5.450 ug/ml
7) T n-Hexadecane (C16)	9.785	866950	5.412 ug/ml
8) T n-Octadecane (C18)	11.228	894180	5.389 ug/ml
10) T n-Eicosane (C20)	12.538	879246	5.409 ug/ml
11) T n-Heneicosane (C21)	13.151	874337	5.427 ug/ml
13) T n-Docosane (C22)	13.738	870203	5.428 ug/ml
14) T n-Tetracosane (C24)	14.840	869685	5.480 ug/ml
15) T n-Hexacosane (C26)	15.861	843024	5.521 ug/ml
16) T n-Octacosane (C28)	16.810	798643	5.537 ug/ml
17) T n-Tricontane (C30)	17.699	781468	5.593 ug/ml
18) T n-Dotriacontane (C32)	18.532	733340	5.557 ug/ml
19) T n-Tetratriacontane (C34)	19.316	691340	5.590 ug/ml
20) T n-Hexatriacontane (C36)	20.056	637544	5.290 ug/ml
21) T n-Octatriacontane (C38)	20.791	632330	5.535 ug/mlm
22) T n-Tetracontane (C40)	21.697	645122	5.744 ug/ml

(f)=RT Delta > 1/2 Window

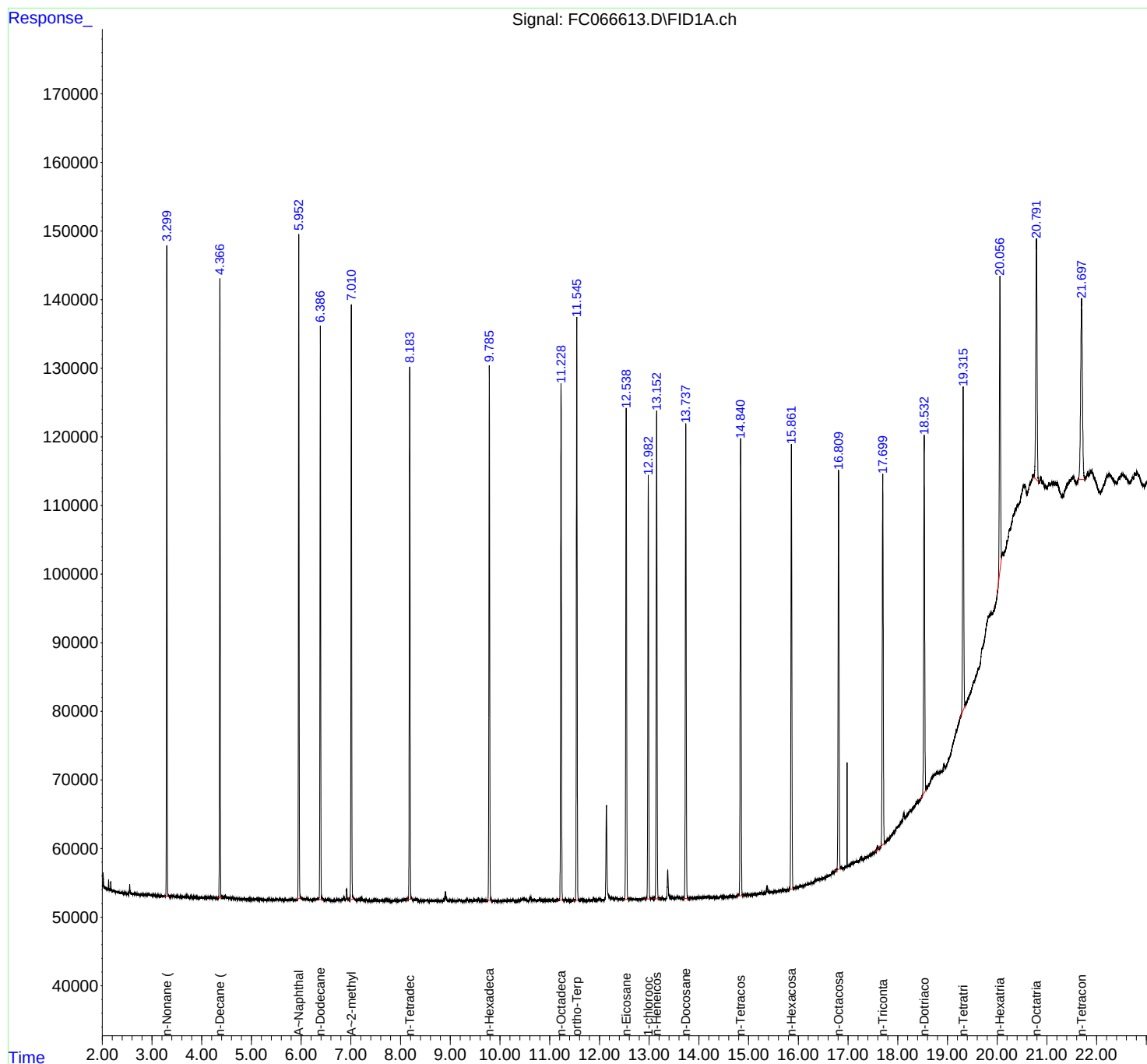
(m)=manual int.

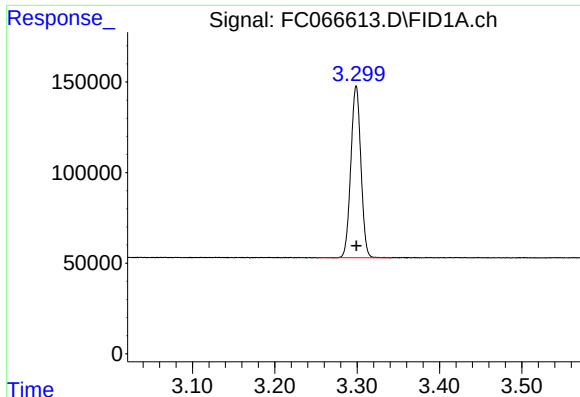
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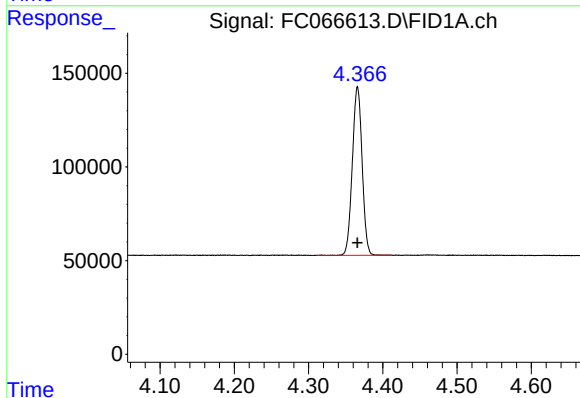




#1 n-Nonane (C9)

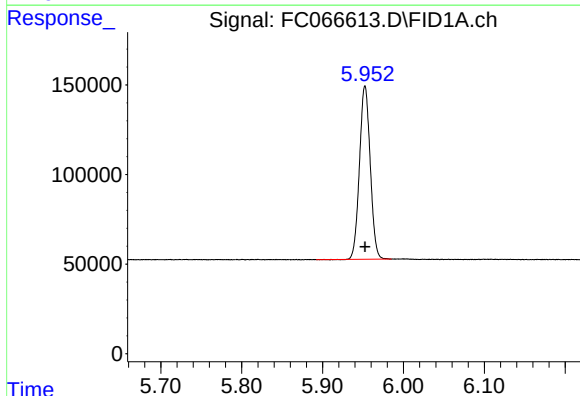
R.T.: 3.299 min
Delta R.T.: 0.000 min
Response: 804024
Conc: 5.53 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



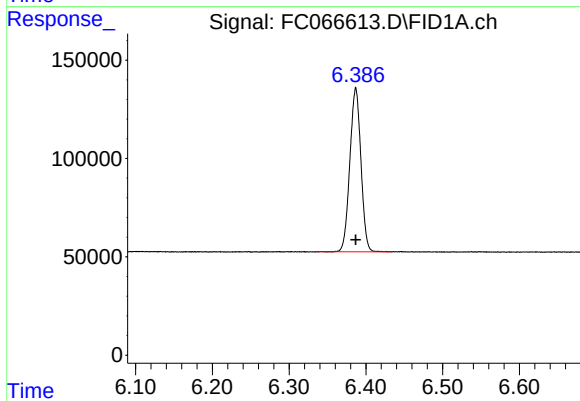
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 821943
Conc: 5.51 ug/ml



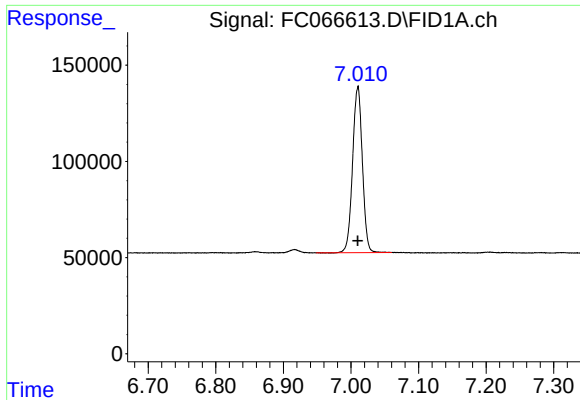
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 892073
Conc: 5.49 ug/ml



#4 n-Dodecane (C12)

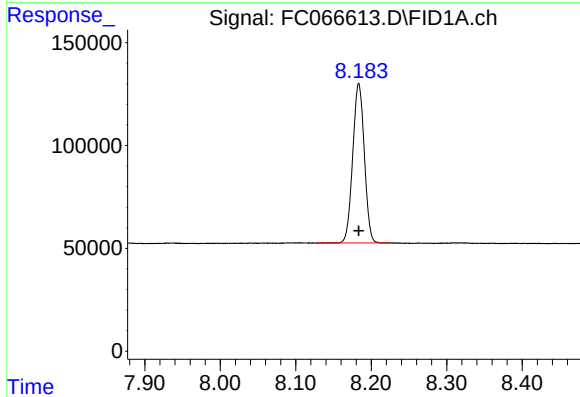
R.T.: 6.387 min
Delta R.T.: 0.000 min
Response: 834142
Conc: 5.50 ug/ml



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

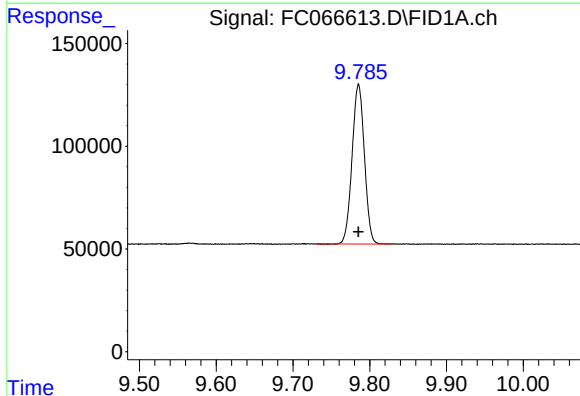
R.T.: 7.010 min
Delta R.T.: 0.000 min
Response: 868682
Conc: 5.47 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



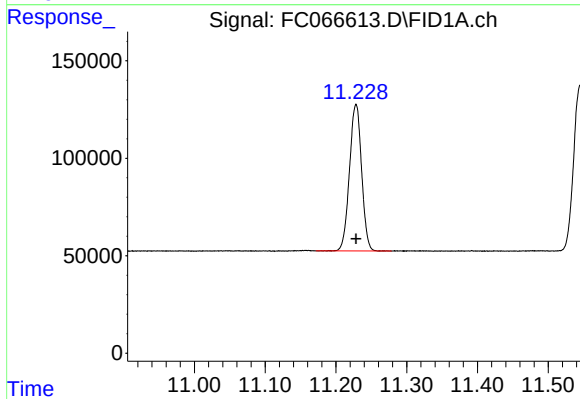
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 826630
Conc: 5.45 ug/ml



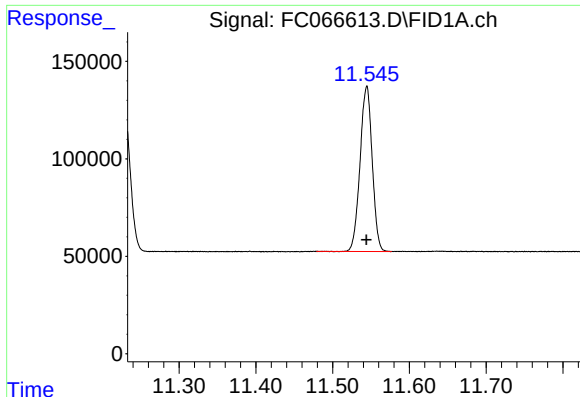
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.000 min
Response: 866950
Conc: 5.41 ug/ml



#8 n-Octadecane (C18)

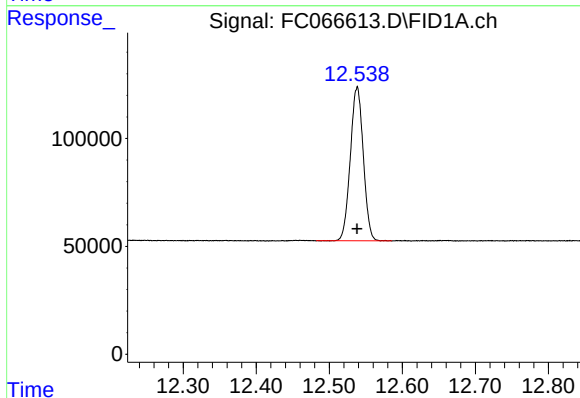
R.T.: 11.228 min
Delta R.T.: 0.000 min
Response: 894180
Conc: 5.39 ug/ml



#9 ortho-Terphenyl (SURR)

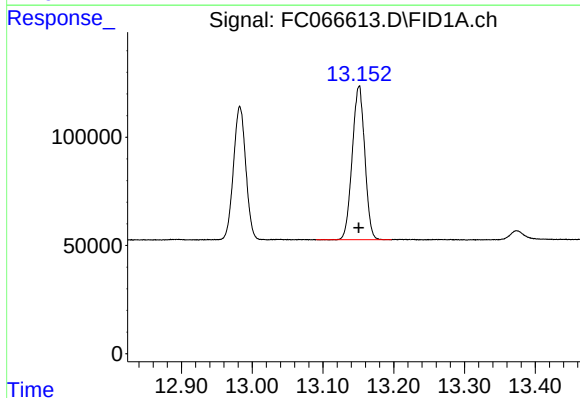
R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 933638
Conc: 5.41 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



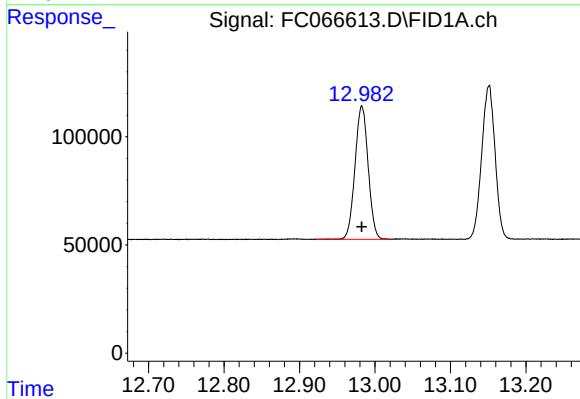
#10 n-Eicosane (C20)

R.T.: 12.538 min
Delta R.T.: 0.000 min
Response: 879246
Conc: 5.41 ug/ml



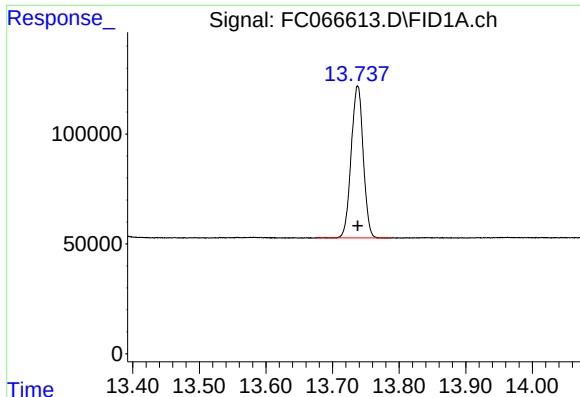
#11 n-Heneicosane (C21)

R.T.: 13.151 min
Delta R.T.: 0.000 min
Response: 874337
Conc: 5.43 ug/ml



#12 1-chlorooctadecane (SURR)

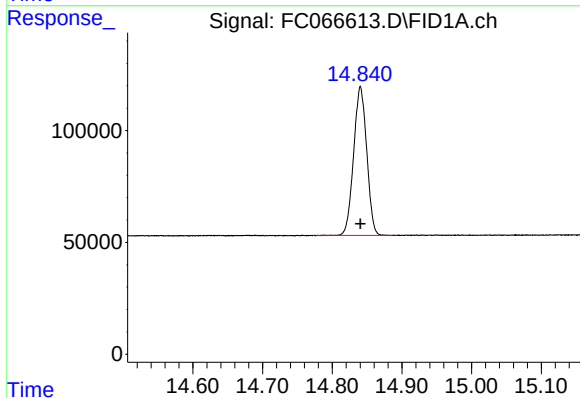
R.T.: 12.983 min
Delta R.T.: 0.000 min
Response: 744403
Conc: 5.40 ug/ml



#13 n-Docosane (C22)

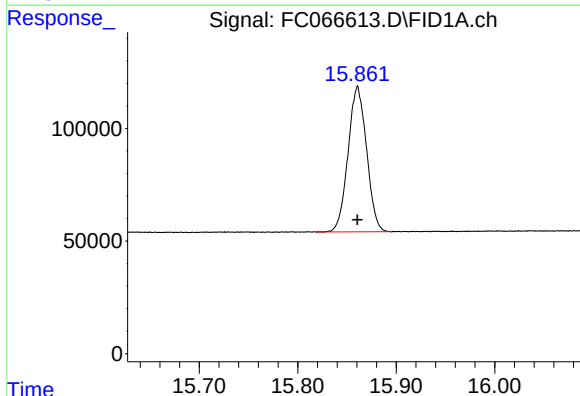
R.T.: 13.738 min
Delta R.T.: 0.000 min
Response: 870203
Conc: 5.43 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



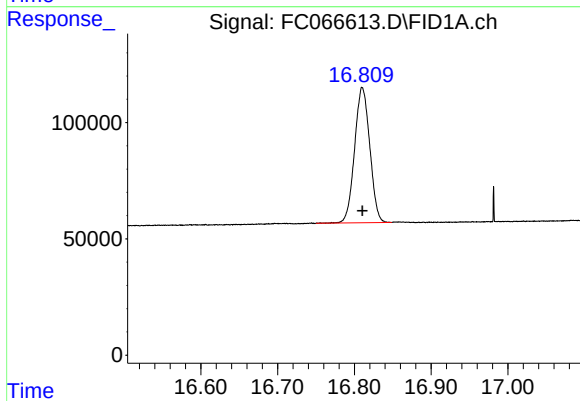
#14 n-Tetracosane (C24)

R.T.: 14.840 min
Delta R.T.: 0.000 min
Response: 869685
Conc: 5.48 ug/ml



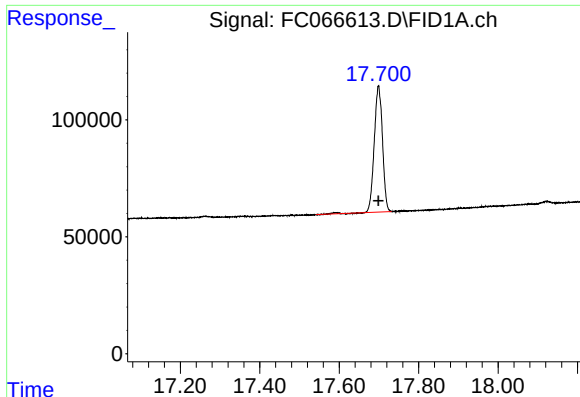
#15 n-Hexacosane (C26)

R.T.: 15.861 min
Delta R.T.: 0.000 min
Response: 843024
Conc: 5.52 ug/ml



#16 n-Octacosane (C28)

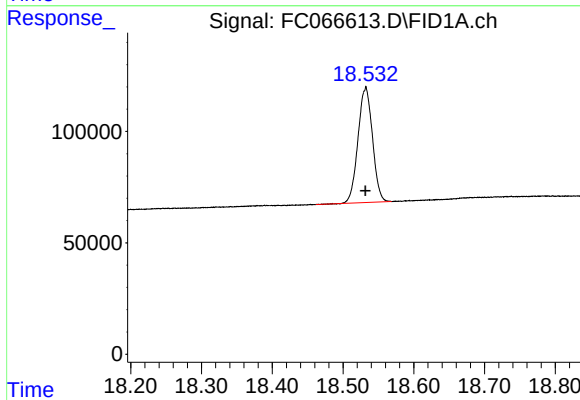
R.T.: 16.810 min
Delta R.T.: 0.000 min
Response: 798643
Conc: 5.54 ug/ml



#17 n-Tricontane (C30)

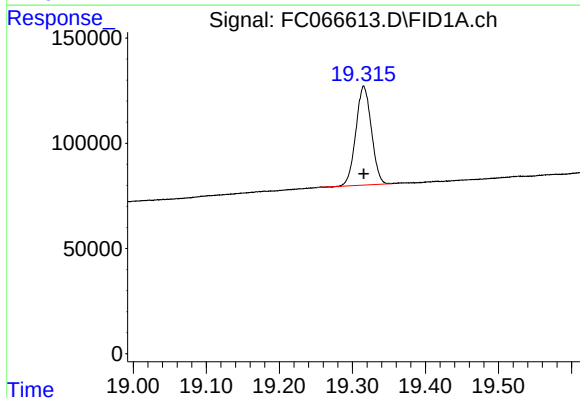
R.T.: 17.699 min
Delta R.T.: 0.000 min
Response: 781468
Conc: 5.59 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5



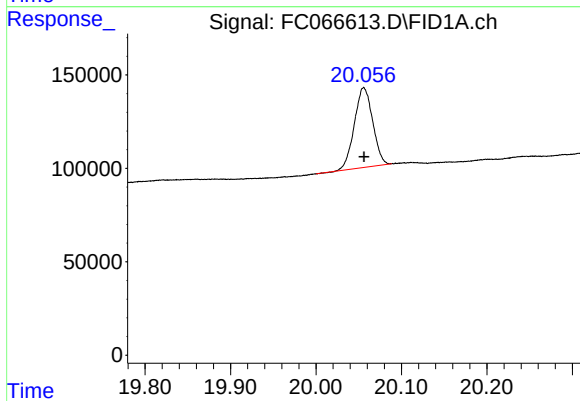
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: 0.000 min
Response: 733340
Conc: 5.56 ug/ml



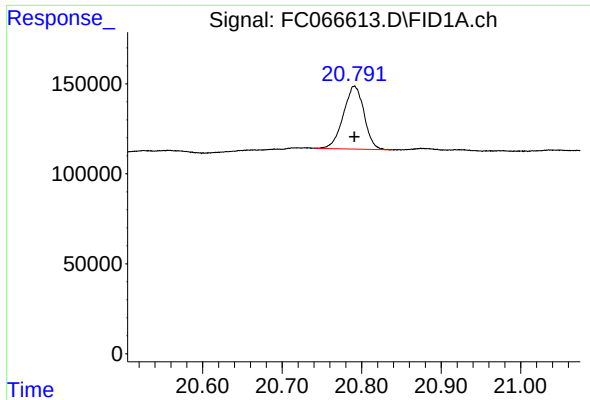
#19 n-Tetratriacontane (C34)

R.T.: 19.316 min
Delta R.T.: 0.000 min
Response: 691340
Conc: 5.59 ug/ml



#20 n-Hexatriacontane (C36)

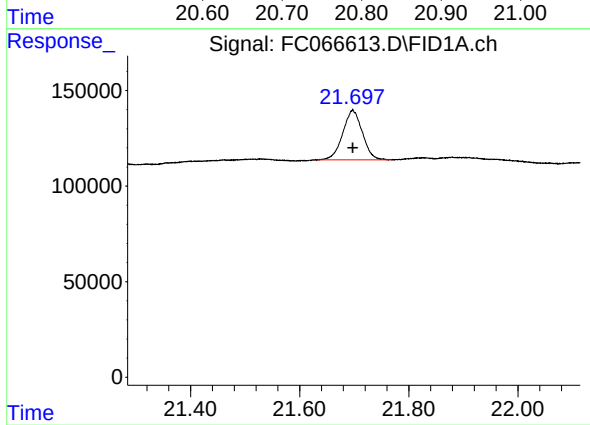
R.T.: 20.056 min
Delta R.T.: 0.000 min
Response: 637544
Conc: 5.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.791 min
Delta R.T.: 0.000 min
Response: 632330
Conc: 5.53 ug/ml

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FID_C
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5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: 0.000 min
Response: 645122
Conc: 5.74 ug/ml