

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC040925AL\
 Data File : FC068519.D
 Signal(s) : FID1A.ch
 Acq On : 08 Apr 2025 16:48
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Apr 08 17:30:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:30:46 2025
 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)	11.719	654057	5.136 ug/ml
Spiked Amount 50.000		Recovery =	10.27%
12) S 1-chlorooctadecane (S...	13.152	470010	5.060 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
Target Compounds			
1) T n-Nonane (C9)	3.449	550187	5.224 ug/ml
2) T n-Decane (C10)	4.525	549045	5.211 ug/ml
3) T A~Naphthalene (C11.7)	6.124	606085	5.204 ug/ml
4) T n-Dodecane (C12)	6.550	546064	5.193 ug/ml
5) T A~2-methylnaphthalene...	7.181	598007	5.178 ug/ml
6) T n-Tetradecane (C14)	8.348	531626	5.171 ug/ml
7) T n-Hexadecane (C16)	9.951	524477	5.150 ug/ml
8) T n-Octadecane (C18)	11.395	515183	5.119 ug/ml
10) T n-Eicosane (C20)	12.706	498787	5.071 ug/ml
11) T n-Heneicosane (C21)	13.318	495018	5.079 ug/ml
13) T n-Docosane (C22)	13.905	490416	5.077 ug/ml
14) T n-Tetracosane (C24)	15.010	482111	5.065 ug/ml
15) T n-Hexacosane (C26)	16.032	471652	5.050 ug/ml
16) T n-Octacosane (C28)	16.984	464643	5.075 ug/ml
17) T n-Tricontane (C30)	17.871	469479	5.107 ug/ml
18) T n-Dotriacontane (C32)	18.706	471859	5.144 ug/ml
19) T n-Tetratriacontane (C34)	19.492	460798	5.158 ug/ml
20) T n-Hexatriacontane (C36)	20.232	461012	5.146 ug/ml
21) T n-Octatriacontane (C38)	21.009	455897	5.156 ug/ml
22) T n-Tetracontane (C40)	21.989	457120	5.177 ug/ml

(f)=RT Delta > 1/2 Window

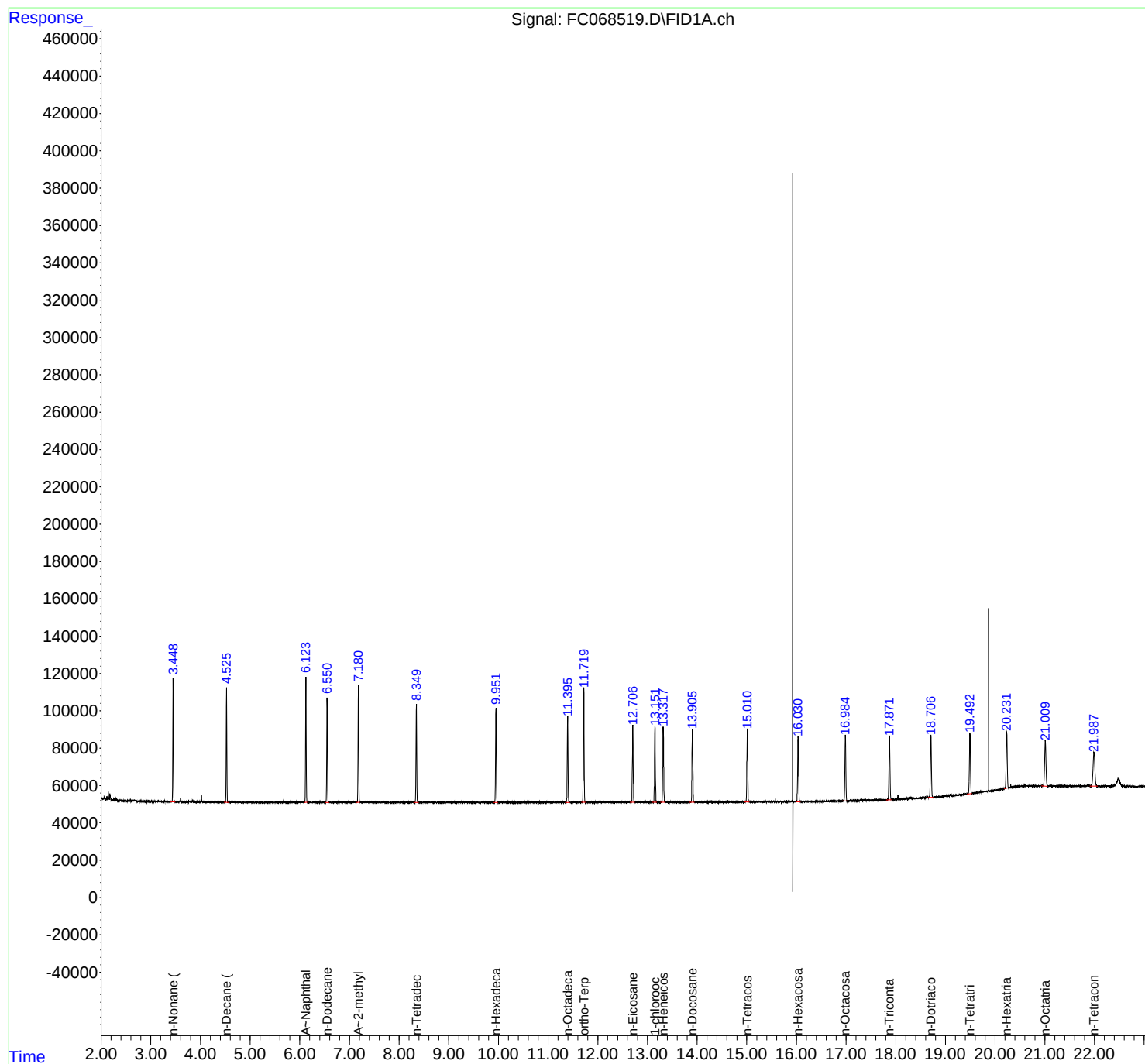
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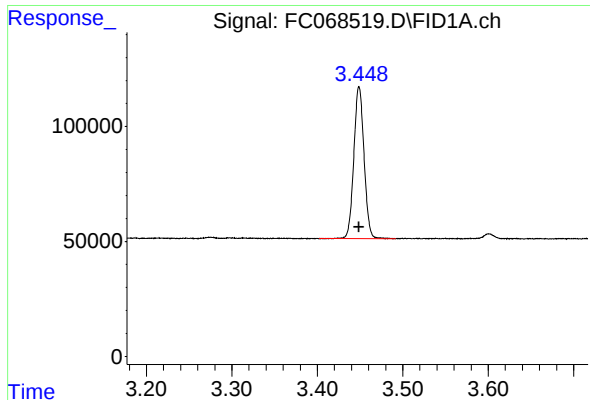
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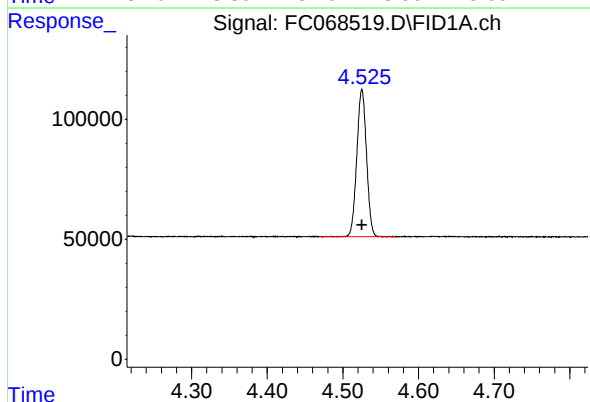




#1 n-Nonane (C9)

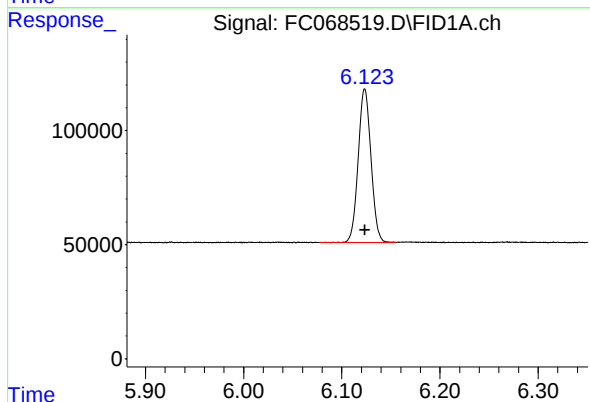
R.T.: 3.449 min
Delta R.T.: 0.000 min
Response: 550187
Conc: 5.22 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



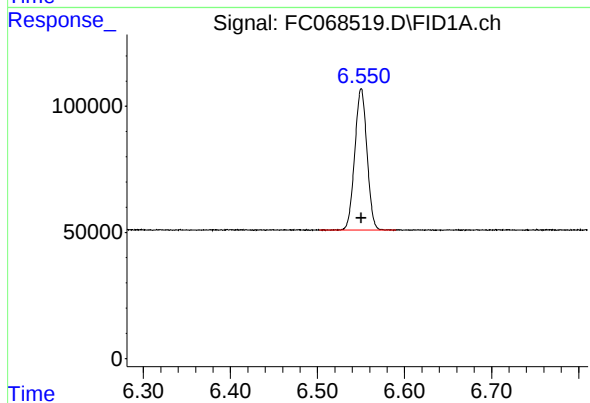
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 549045
Conc: 5.21 ug/ml



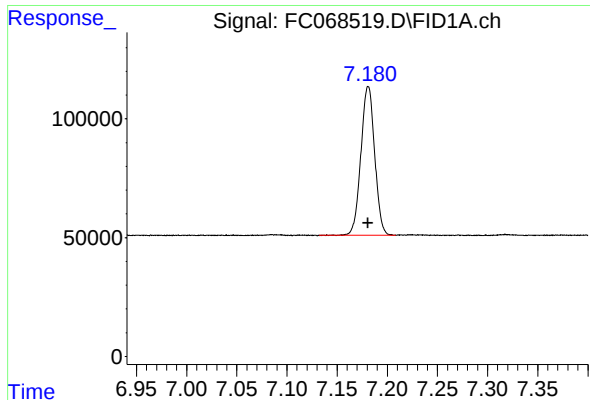
#3 A~Naphthalene (C11.7)

R.T.: 6.124 min
Delta R.T.: 0.000 min
Response: 606085
Conc: 5.20 ug/ml



#4 n-Dodecane (C12)

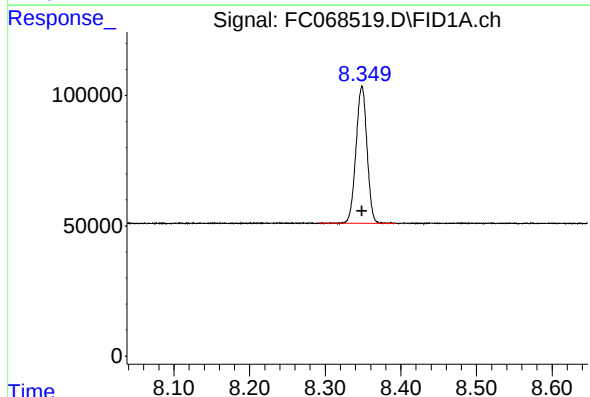
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 546064
Conc: 5.19 ug/ml



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

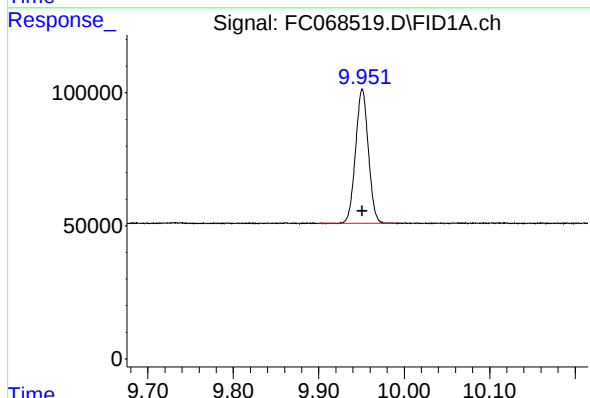
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 598007
Conc: 5.18 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



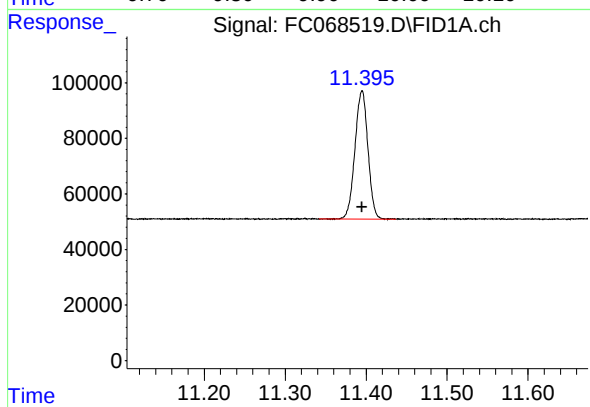
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 531626
Conc: 5.17 ug/ml



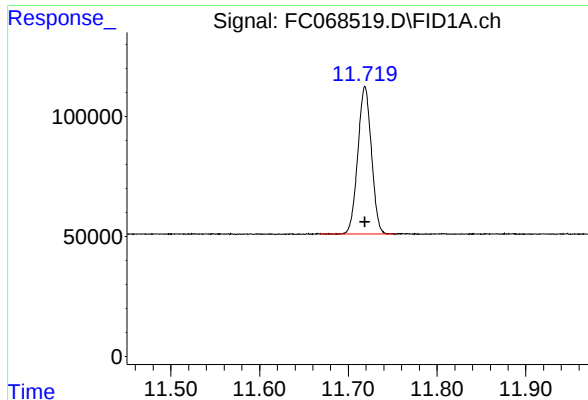
#7 n-Hexadecane (C16)

R.T.: 9.951 min
Delta R.T.: 0.000 min
Response: 524477
Conc: 5.15 ug/ml



#8 n-Octadecane (C18)

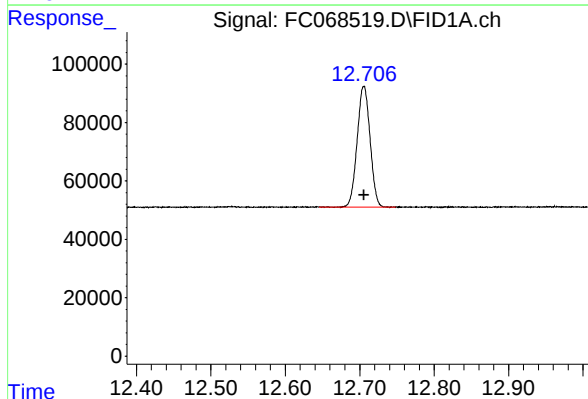
R.T.: 11.395 min
Delta R.T.: 0.000 min
Response: 515183
Conc: 5.12 ug/ml



#9 ortho-Terphenyl (SURR)

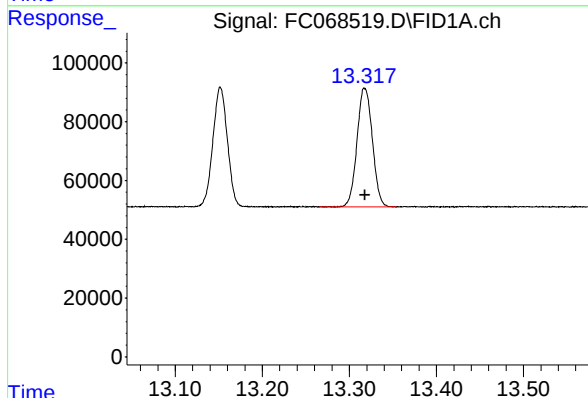
R.T.: 11.719 min
Delta R.T.: 0.000 min
Response: 654057
Conc: 5.14 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



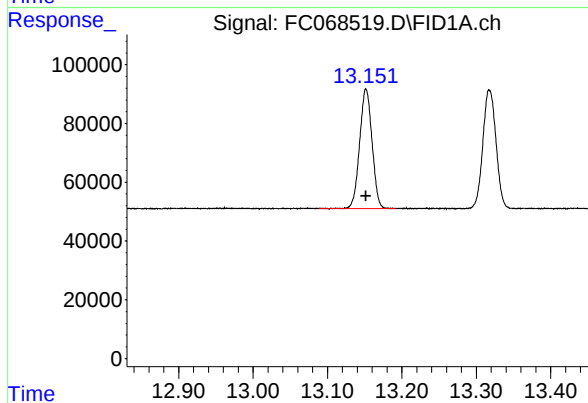
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 498787
Conc: 5.07 ug/ml



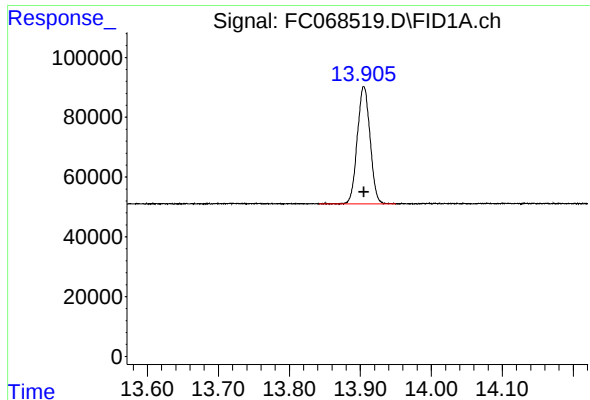
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: 0.000 min
Response: 495018
Conc: 5.08 ug/ml



#12 1-chlorooctadecane (SURR)

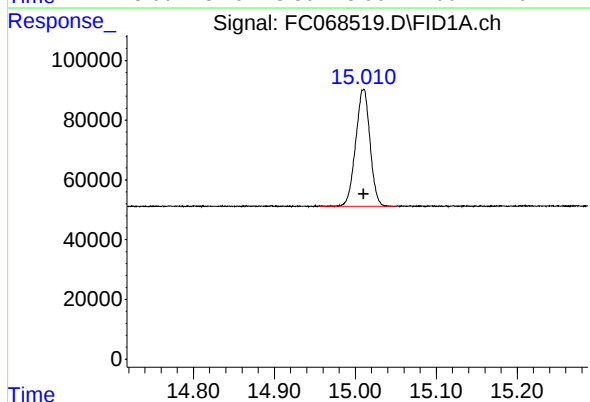
R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 470010
Conc: 5.06 ug/ml



#13 n-Docosane (C22)

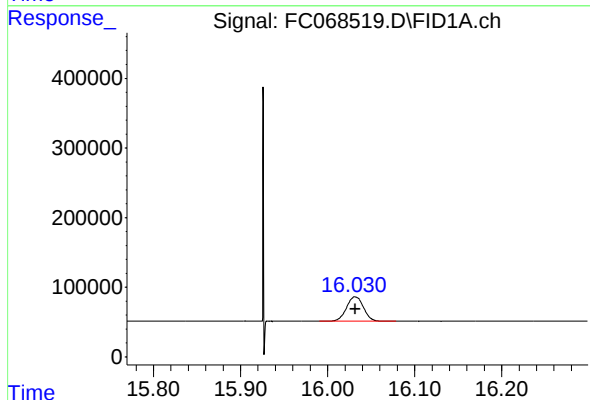
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 490416
Conc: 5.08 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



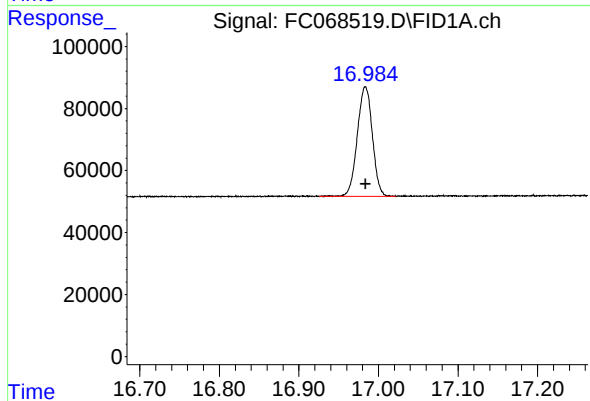
#14 n-Tetracosane (C24)

R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 482111
Conc: 5.07 ug/ml



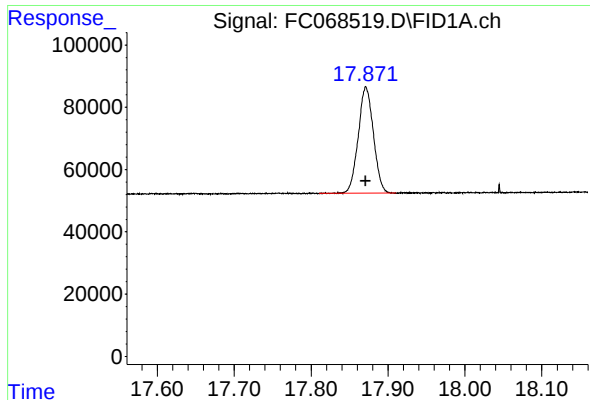
#15 n-Hexacosane (C26)

R.T.: 16.032 min
Delta R.T.: 0.000 min
Response: 471652
Conc: 5.05 ug/ml



#16 n-Octacosane (C28)

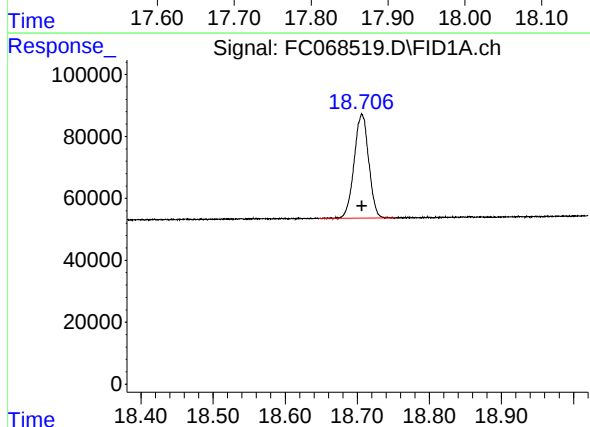
R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 464643
Conc: 5.07 ug/ml



#17 n-Tricontane (C30)

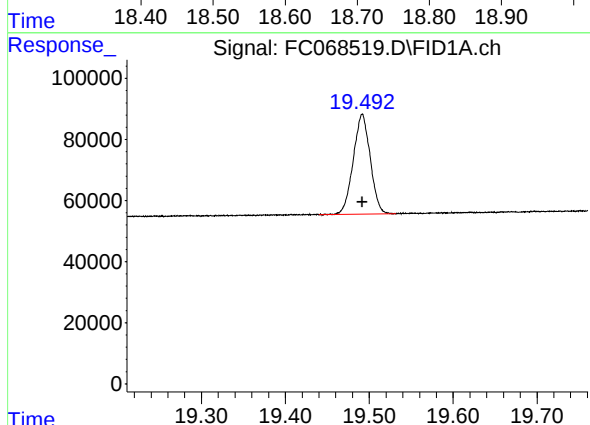
R.T.: 17.871 min
Delta R.T.: 0.000 min
Response: 469479
Conc: 5.11 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



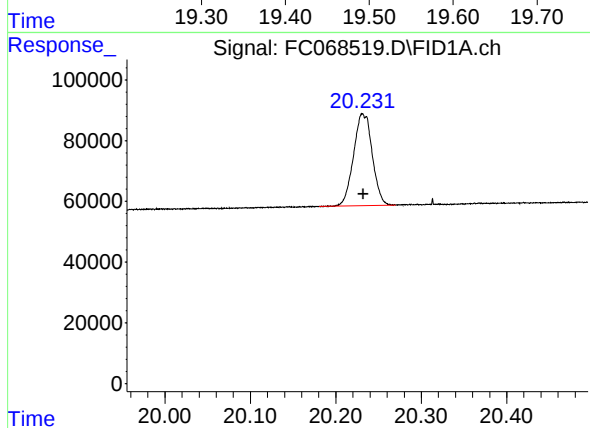
#18 n-Dotriacontane (C32)

R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 471859
Conc: 5.14 ug/ml



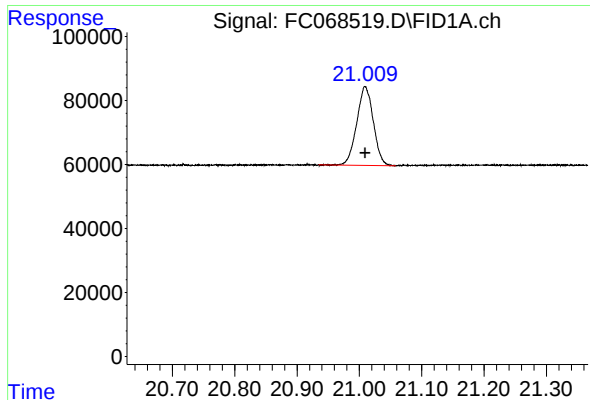
#19 n-Tetratriacontane (C34)

R.T.: 19.492 min
Delta R.T.: 0.000 min
Response: 460798
Conc: 5.16 ug/ml



#20 n-Hexatriacontane (C36)

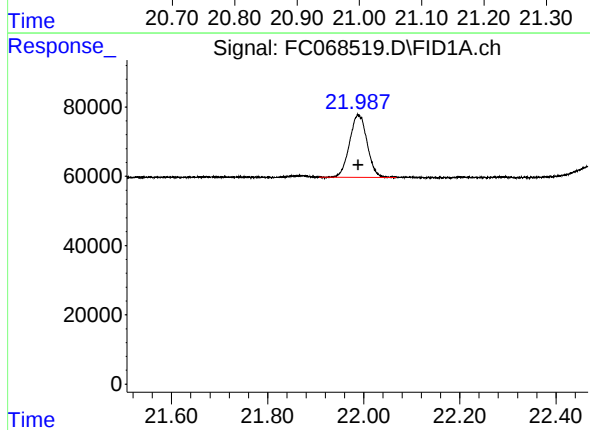
R.T.: 20.232 min
Delta R.T.: 0.000 min
Response: 461012
Conc: 5.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.009 min
Delta R.T.: 0.000 min
Response: 455897
Conc: 5.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.989 min
Delta R.T.: 0.000 min
Response: 457120
Conc: 5.18 ug/ml