

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012425AL\
 Data File : FC068104.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jan 2025 09:23
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 25 04:21:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 012425.M
 Quant Title : GC Extractables
 QLast Update : Sat Jan 25 04:20:44 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)	11.431	7322791	45.321 ug/ml
Spiked Amount 50.000		Recovery =	90.64%
12) S 1-chlorooctadecane (S...	12.869	5415134	45.324 ug/ml
Spiked Amount 50.000		Recovery =	90.65%
Target Compounds			
1) T n-Nonane (C9)	3.234	6442775	45.850 ug/ml
2) T n-Decane (C10)	4.293	6559814	45.841 ug/ml
3) T A~Naphthalene (C11.7)	5.861	7202894	46.327 ug/ml
4) T n-Dodecane (C12)	6.301	6592781	45.651 ug/ml
5) T A~2-methylnaphthalene...	6.914	6965539	46.516 ug/ml
6) T n-Tetradecane (C14)	8.090	6460619	45.682 ug/ml
7) T n-Hexadecane (C16)	9.686	6574658	45.589 ug/ml
8) T n-Octadecane (C18)	11.124	6583402	45.314 ug/ml
10) T n-Eicosane (C20)	12.428	6256943	45.085 ug/ml
11) T n-Heneicosane (C21)	13.039	6131455	45.037 ug/ml
13) T n-Docosane (C22)	13.623	6085749	45.568 ug/ml
14) T n-Tetracosane (C24)	14.724	6046058	45.531 ug/ml
15) T n-Hexacosane (C26)	15.743	5918808	45.491 ug/ml
16) T n-Octacosane (C28)	16.690	5826695	45.529 ug/ml
17) T n-Tricontane (C30)	17.575	5915990	44.958 ug/ml
18) T n-Dotriacontane (C32)	18.406	5678551	44.949 ug/ml
19) T n-Tetratriacontane (C34)	19.187	4970299	45.215 ug/ml
20) T n-Hexatriacontane (C36)	19.924	4283541	45.631 ug/ml
21) T n-Octatriacontane (C38)	20.638	4034854	45.955 ug/ml
22) T n-Tetracontane (C40)	21.498	3890423	47.541 ug/ml

(f)=RT Delta > 1/2 Window

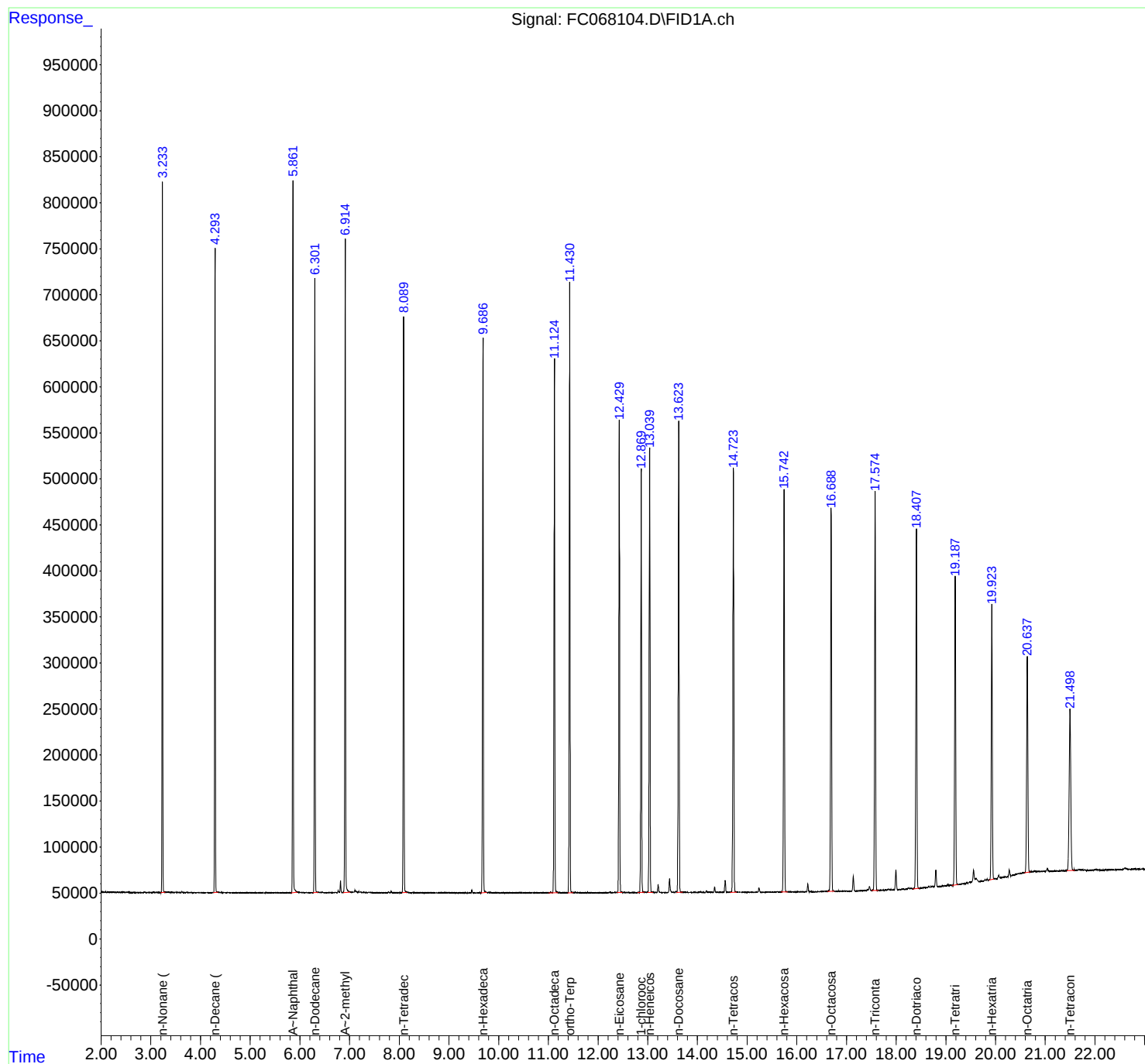
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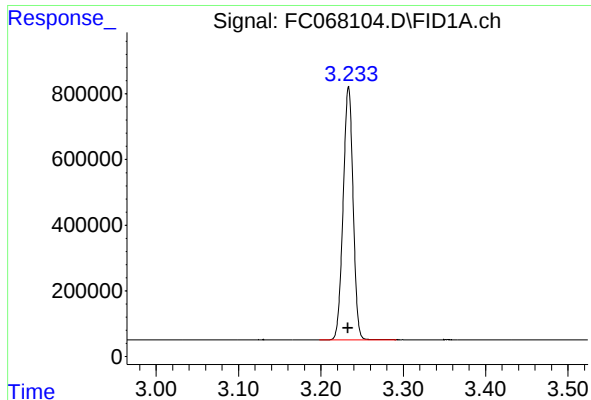
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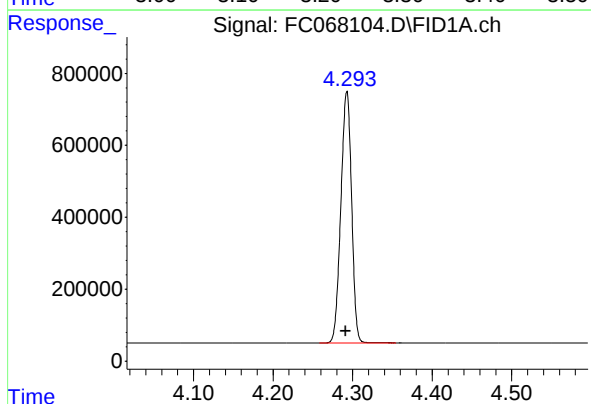




#1 n-Nonane (C9)

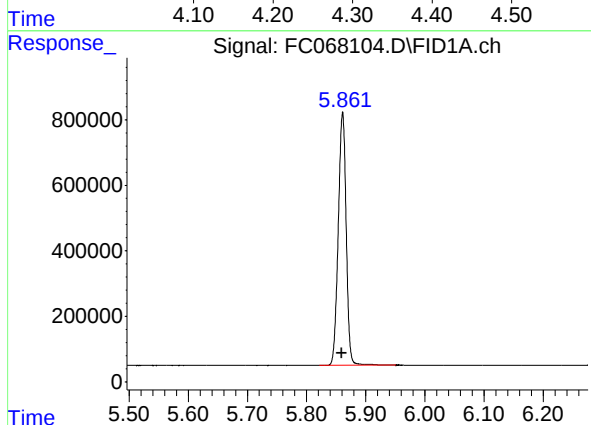
R.T.: 3.234 min
Delta R.T.: 0.000 min
Response: 6442775
Conc: 45.85 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



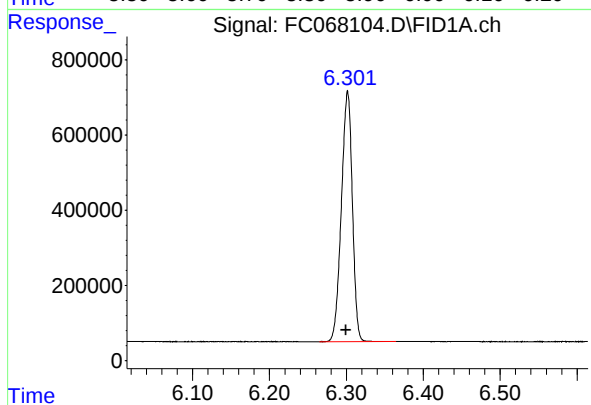
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: 0.001 min
Response: 6559814
Conc: 45.84 ug/ml



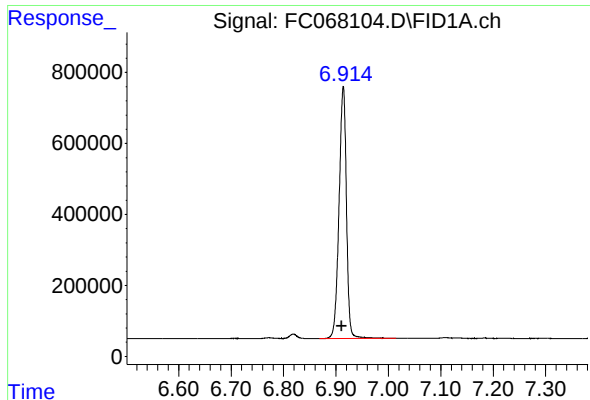
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 7202894
Conc: 46.33 ug/ml



#4 n-Dodecane (C12)

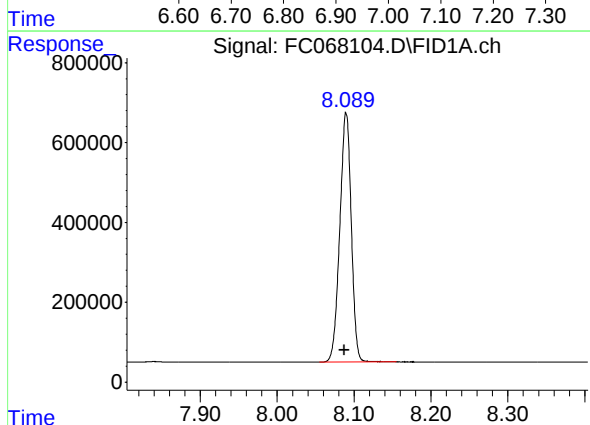
R.T.: 6.301 min
Delta R.T.: 0.002 min
Response: 6592781
Conc: 45.65 ug/ml



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

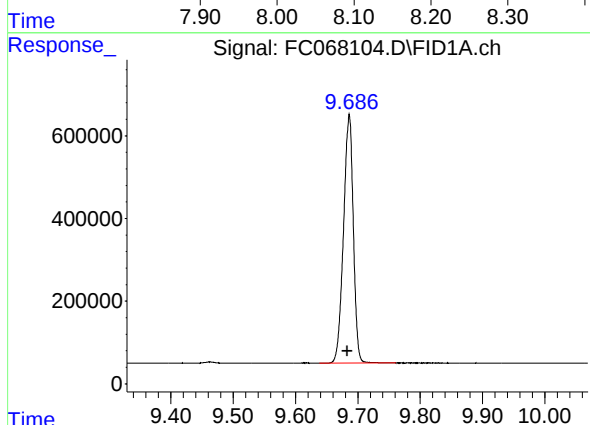
R.T.: 6.914 min
Delta R.T.: 0.003 min
Response: 6965539
Conc: 46.52 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



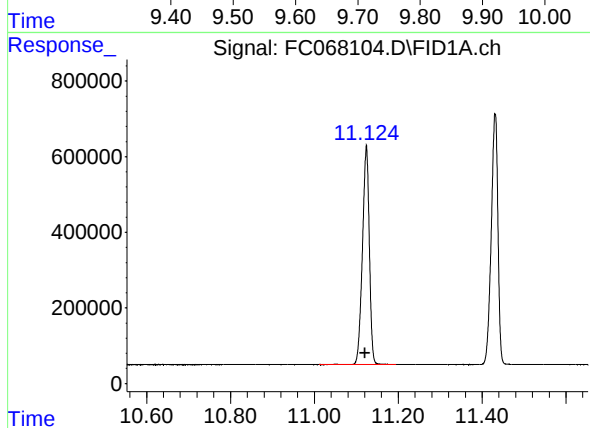
#6 n-Tetradecane (C14)

R.T.: 8.090 min
Delta R.T.: 0.002 min
Response: 6460619
Conc: 45.68 ug/ml



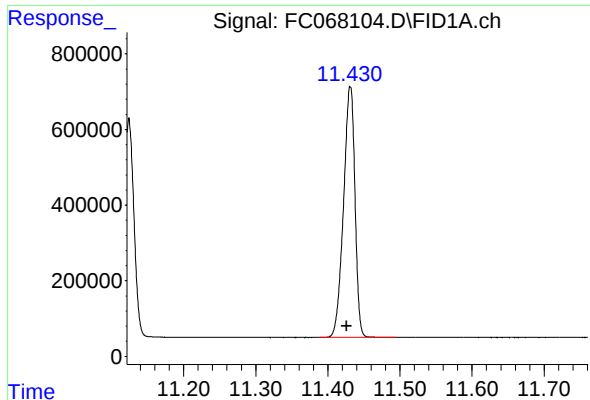
#7 n-Hexadecane (C16)

R.T.: 9.686 min
Delta R.T.: 0.003 min
Response: 6574658
Conc: 45.59 ug/ml



#8 n-Octadecane (C18)

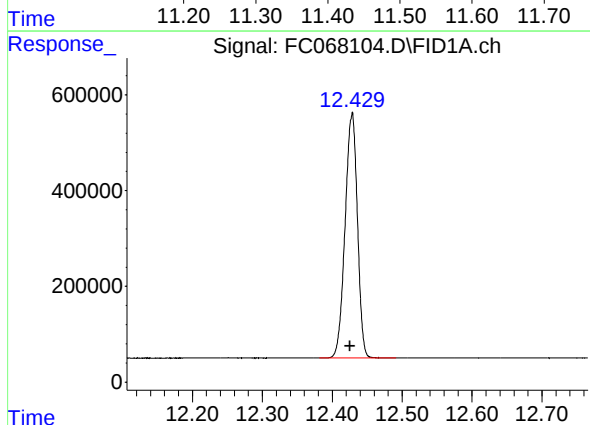
R.T.: 11.124 min
Delta R.T.: 0.003 min
Response: 6583402
Conc: 45.31 ug/ml



#9 ortho-Terphenyl (SURR)

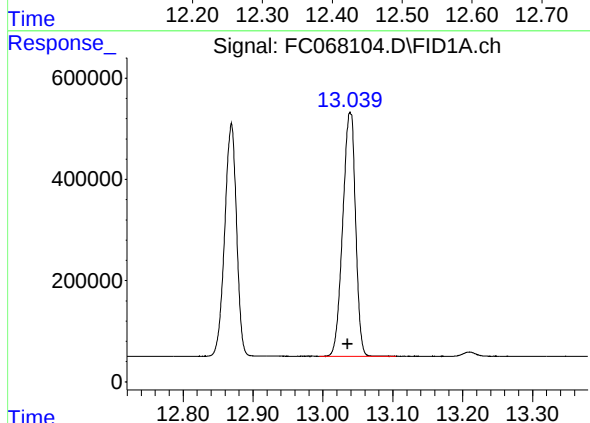
R.T.: 11.431 min
Delta R.T.: 0.005 min
Response: 7322791
Conc: 45.32 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



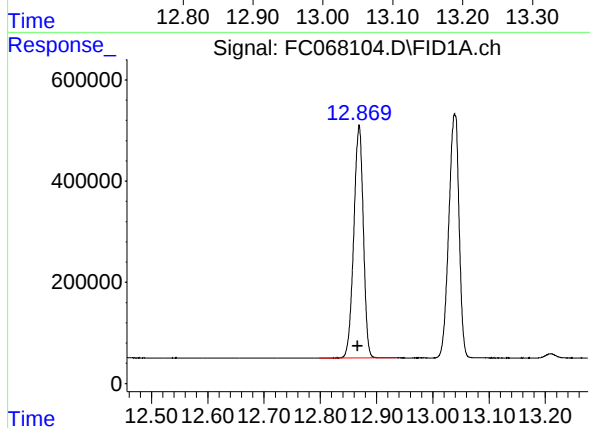
#10 n-Eicosane (C20)

R.T.: 12.428 min
Delta R.T.: 0.003 min
Response: 6256943
Conc: 45.08 ug/ml



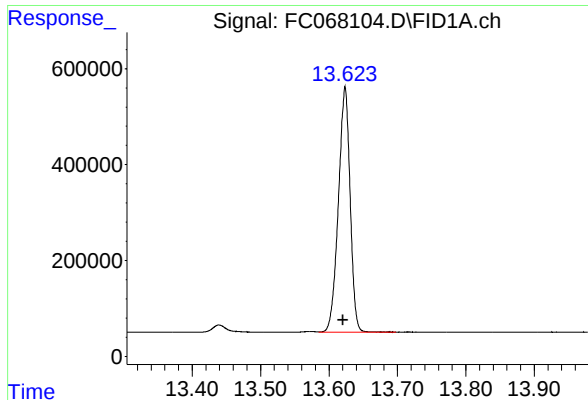
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: 0.003 min
Response: 6131455
Conc: 45.04 ug/ml



#12 1-chlorooctadecane (SURR)

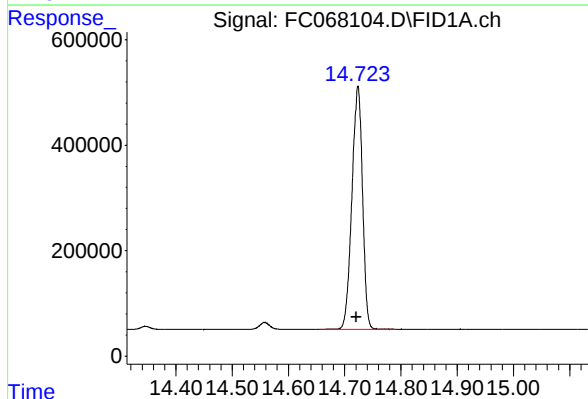
R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 5415134
Conc: 45.32 ug/ml



#13 n-Docosane (C22)

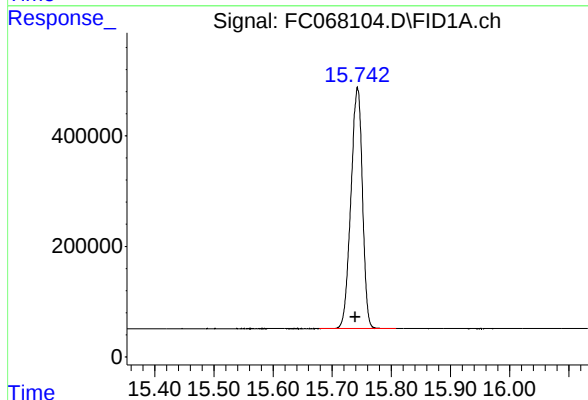
R.T.: 13.623 min
Delta R.T.: 0.003 min
Response: 6085749
Conc: 45.57 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



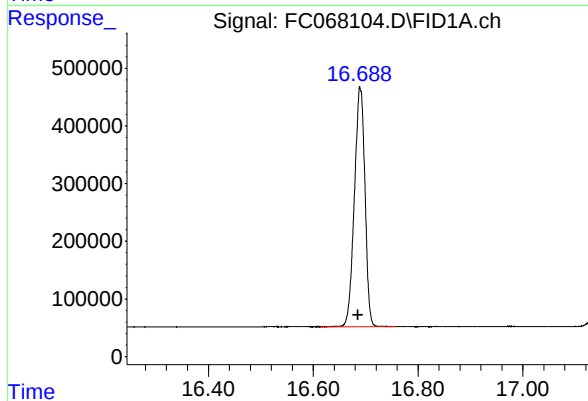
#14 n-Tetracosane (C24)

R.T.: 14.724 min
Delta R.T.: 0.003 min
Response: 6046058
Conc: 45.53 ug/ml



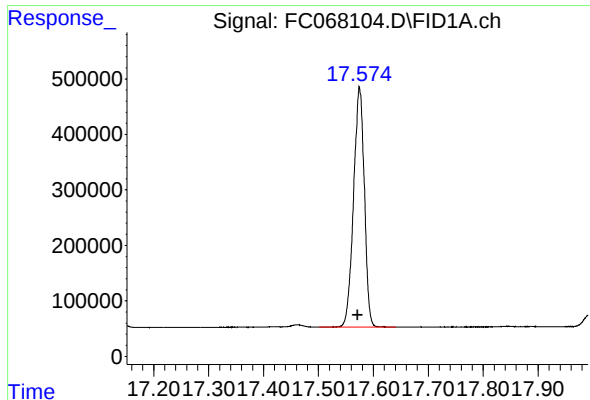
#15 n-Hexacosane (C26)

R.T.: 15.743 min
Delta R.T.: 0.003 min
Response: 5918808
Conc: 45.49 ug/ml



#16 n-Octacosane (C28)

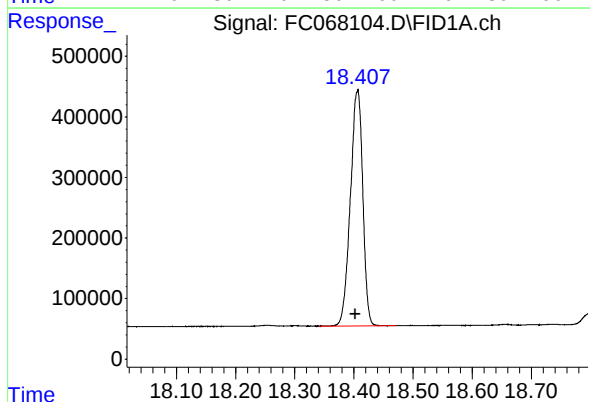
R.T.: 16.690 min
Delta R.T.: 0.004 min
Response: 5826695
Conc: 45.53 ug/ml



#17 n-Tricontane (C30)

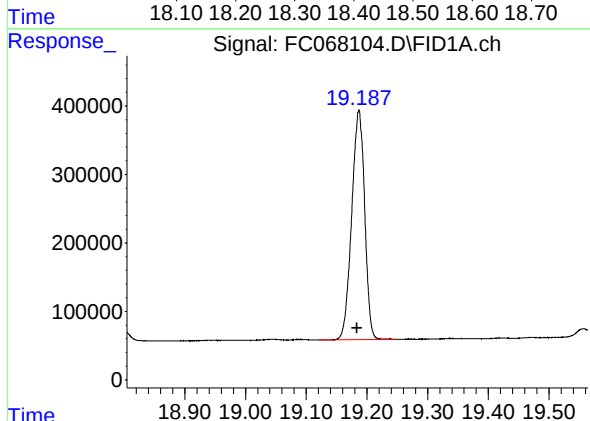
R.T.: 17.575 min
Delta R.T.: 0.004 min
Response: 5915990
Conc: 44.96 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



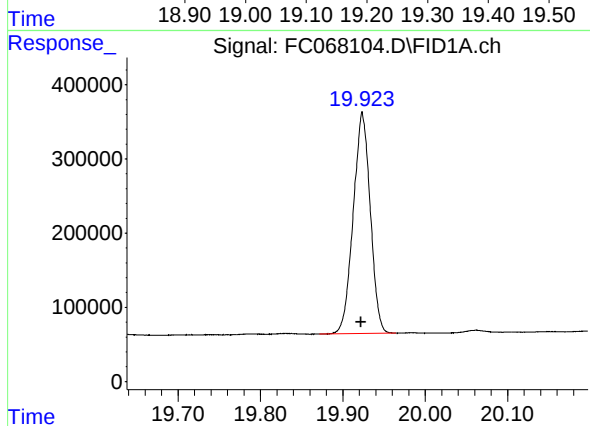
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: 0.004 min
Response: 5678551
Conc: 44.95 ug/ml



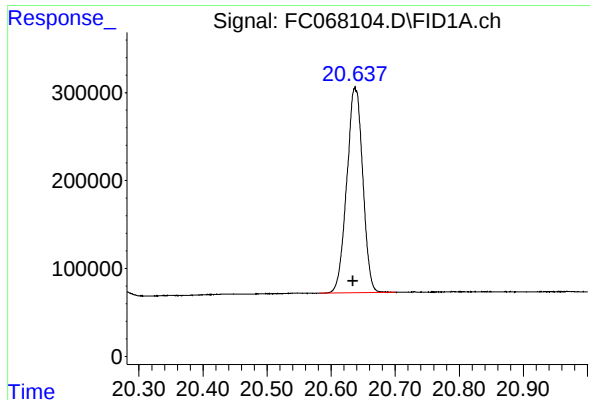
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: 0.003 min
Response: 4970299
Conc: 45.22 ug/ml



#20 n-Hexatriacontane (C36)

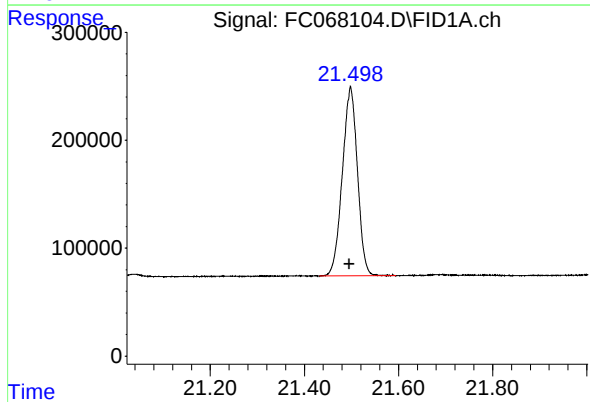
R.T.: 19.924 min
Delta R.T.: 0.002 min
Response: 4283541
Conc: 45.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.638 min
Delta R.T.: 0.003 min
Response: 4034854
Conc: 45.95 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.498 min
Delta R.T.: 0.003 min
Response: 3890423
Conc: 47.54 ug/ml