

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123124AL\
 Data File : FC068083.D
 Signal(s) : FID1A.ch
 Acq On : 31 Dec 2024 11:01
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Dec 31 11:37:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 123124.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 31 11:37:16 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)	11.433	1697701	11.123 ug/ml
Spiked Amount 50.000		Recovery =	22.25%
12) S 1-chlorooctadecane (S...	12.874	1250994	11.070 ug/ml
Spiked Amount 50.000		Recovery =	22.14%
Target Compounds			
1) T n-Nonane (C9)	3.237	1512611	11.115 ug/ml
2) T n-Decane (C10)	4.295	1524763	11.086 ug/ml
3) T A~Naphthalene (C11.7)	5.865	1651473	10.978 ug/ml
4) T n-Dodecane (C12)	6.304	1526392	11.097 ug/ml
5) T A~2-methylnaphthalene...	6.917	1583684	10.930 ug/ml
6) T n-Tetradecane (C14)	8.093	1490516	11.083 ug/ml
7) T n-Hexadecane (C16)	9.690	1515157	11.082 ug/ml
8) T n-Octadecane (C18)	11.127	1518705	11.100 ug/ml
10) T n-Eicosane (C20)	12.432	1452026	11.149 ug/ml
11) T n-Heneicosane (C21)	13.043	1421493	11.144 ug/ml
13) T n-Docosane (C22)	13.628	1400563	11.121 ug/ml
14) T n-Tetracosane (C24)	14.729	1378178	11.111 ug/ml
15) T n-Hexacosane (C26)	15.747	1340220	11.085 ug/ml
16) T n-Octacosane (C28)	16.693	1306330	11.119 ug/ml
17) T n-Tricontane (C30)	17.580	1312669	11.170 ug/ml
18) T n-Dotriacontane (C32)	18.412	1253194	11.197 ug/ml
19) T n-Tetratriacontane (C34)	19.194	1095534	11.127 ug/ml
20) T n-Hexatriacontane (C36)	19.932	948196	11.021 ug/ml
21) T n-Octatriacontane (C38)	20.646	896541	10.959 ug/ml
22) T n-Tetracontane (C40)	21.507	869558	10.849 ug/ml

(f)=RT Delta > 1/2 Window

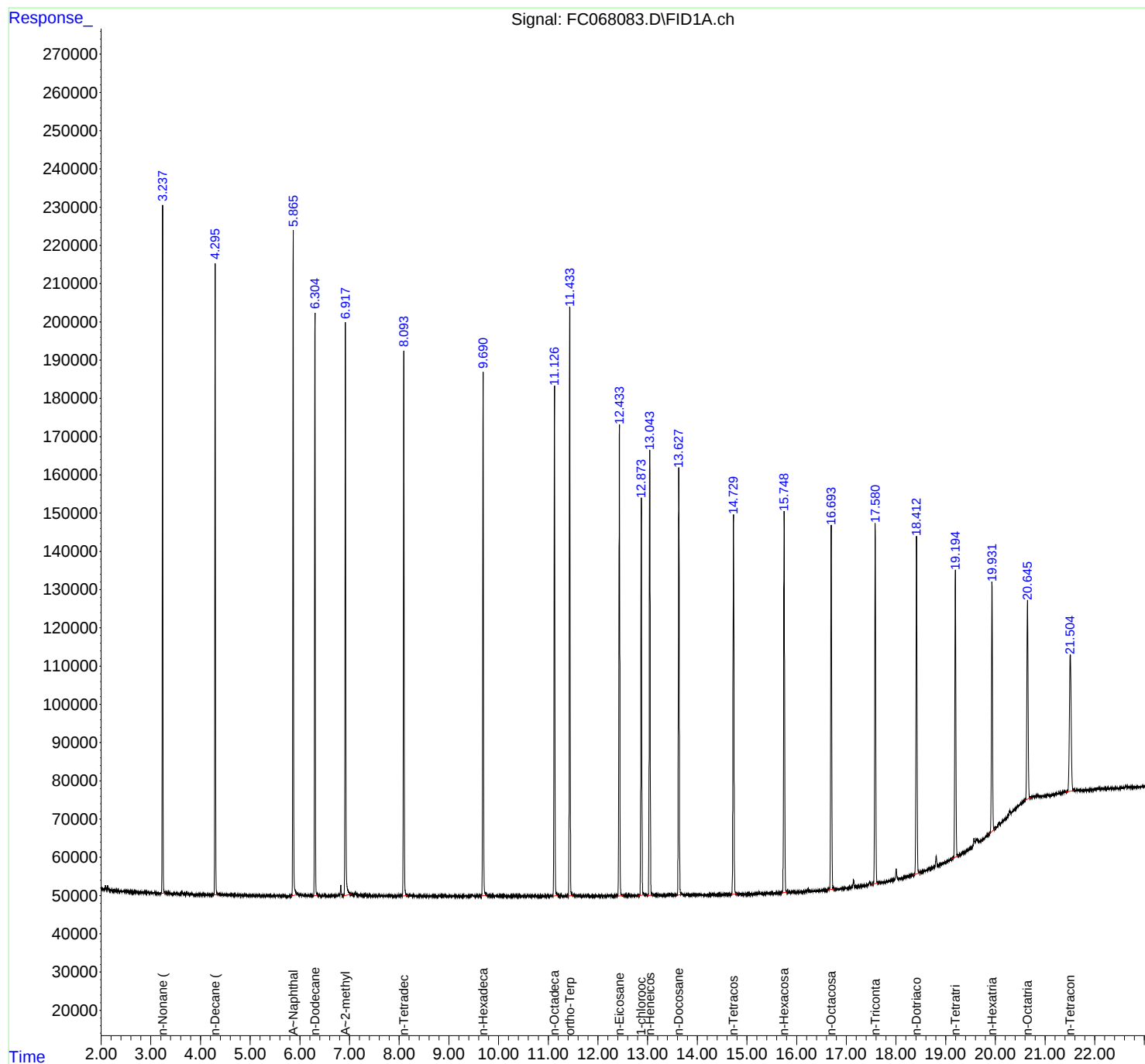
(m)=manual int.

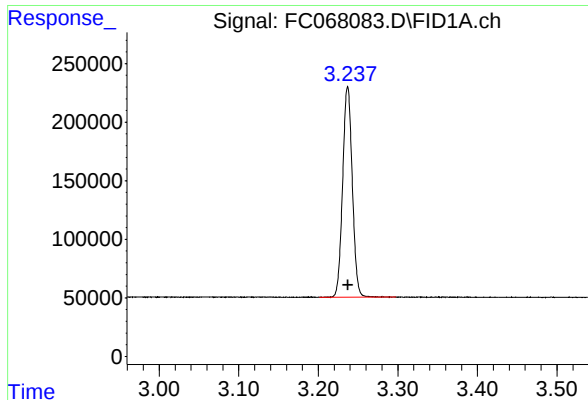
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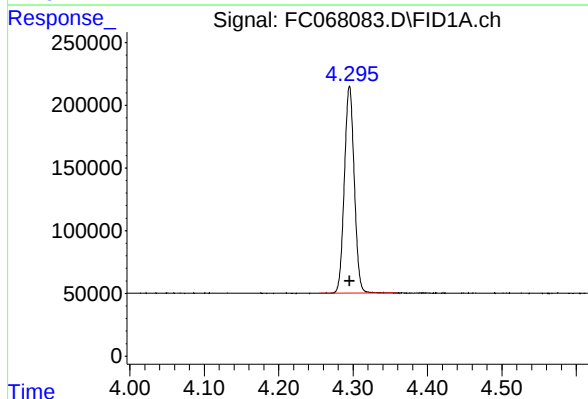




#1 n-Nonane (C9)

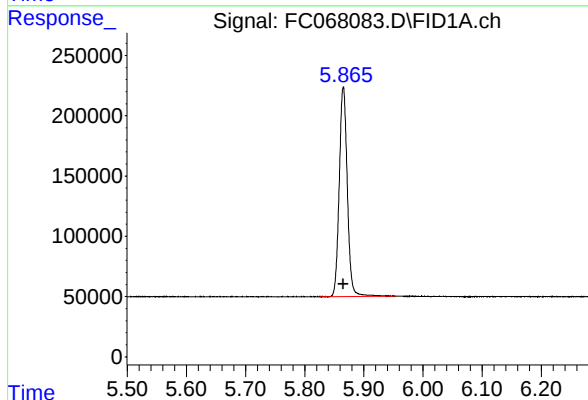
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 1512611
Conc: 11.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



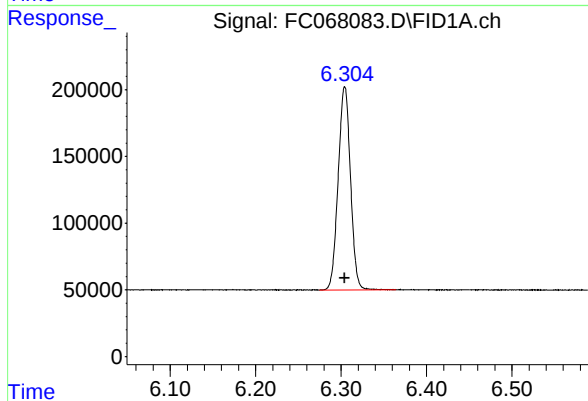
#2 n-Decane (C10)

R.T.: 4.295 min
Delta R.T.: 0.000 min
Response: 1524763
Conc: 11.09 ug/ml



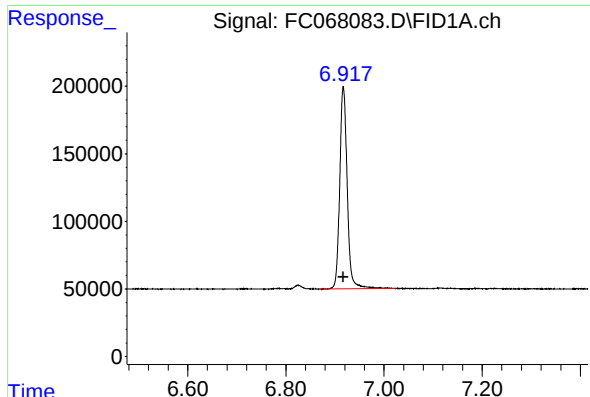
#3 A~Naphthalene (C11.7)

R.T.: 5.865 min
Delta R.T.: 0.000 min
Response: 1651473
Conc: 10.98 ug/ml



#4 n-Dodecane (C12)

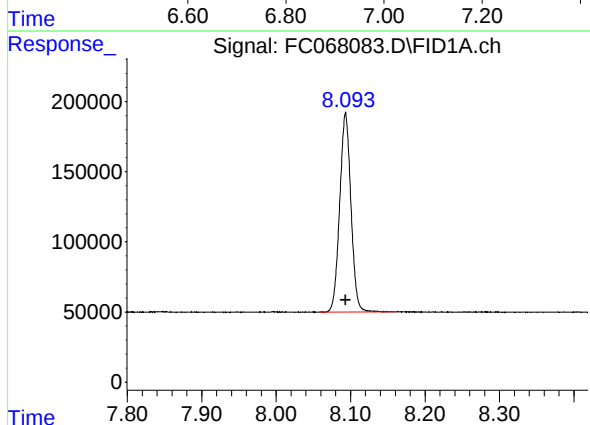
R.T.: 6.304 min
Delta R.T.: 0.000 min
Response: 1526392
Conc: 11.10 ug/ml



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

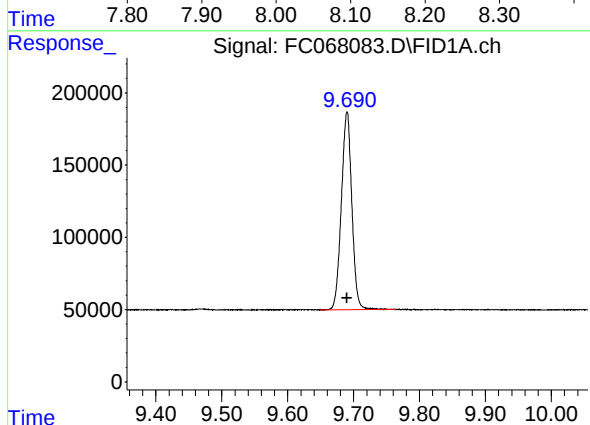
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1583684
Conc: 10.93 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



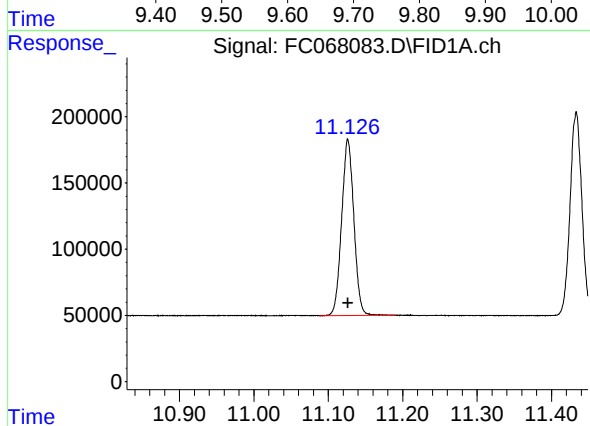
#6 n-Tetradecane (C14)

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 1490516
Conc: 11.08 ug/ml



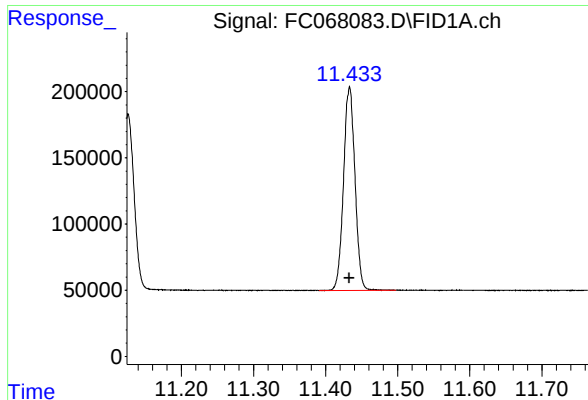
#7 n-Hexadecane (C16)

R.T.: 9.690 min
Delta R.T.: 0.000 min
Response: 1515157
Conc: 11.08 ug/ml



#8 n-Octadecane (C18)

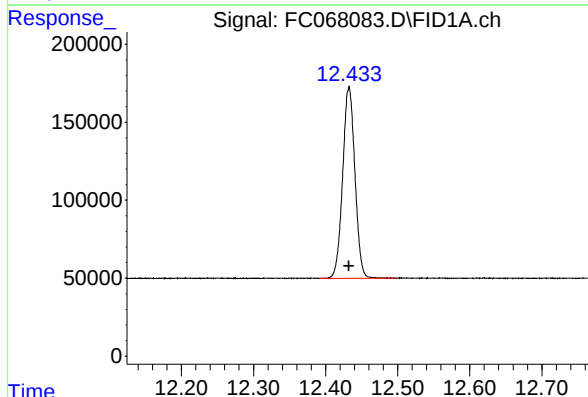
R.T.: 11.127 min
Delta R.T.: 0.000 min
Response: 1518705
Conc: 11.10 ug/ml



#9 ortho-Terphenyl (SURR)

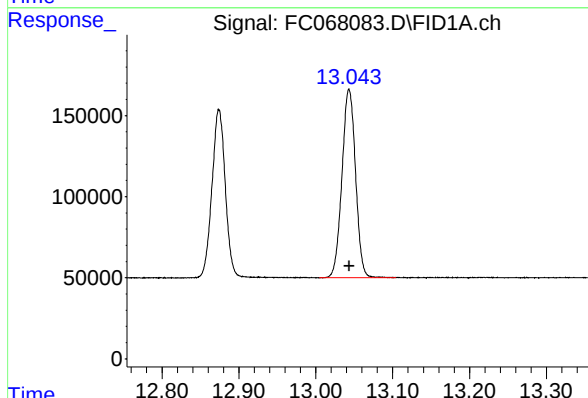
R.T.: 11.433 min
Delta R.T.: 0.000 min
Response: 1697701
Conc: 11.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



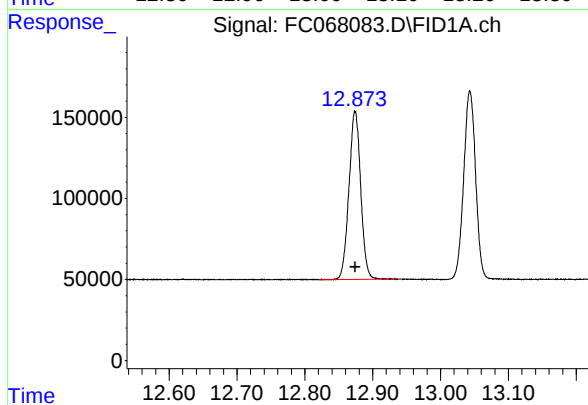
#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: 0.000 min
Response: 1452026
Conc: 11.15 ug/ml



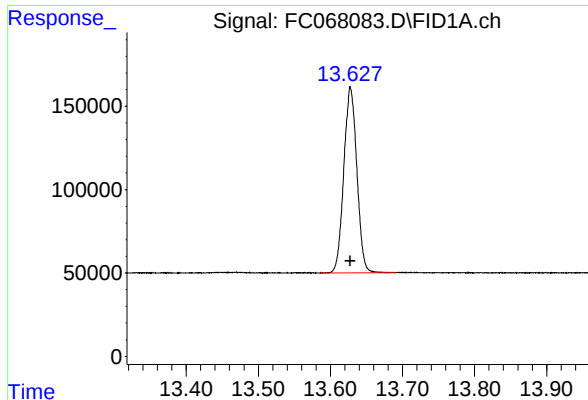
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: 0.000 min
Response: 1421493
Conc: 11.14 ug/ml



#12 1-chlorooctadecane (SURR)

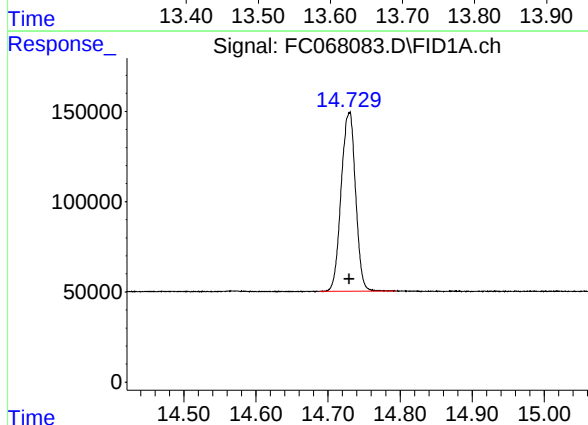
R.T.: 12.874 min
Delta R.T.: 0.000 min
Response: 1250994
Conc: 11.07 ug/ml



#13 n-Docosane (C22)

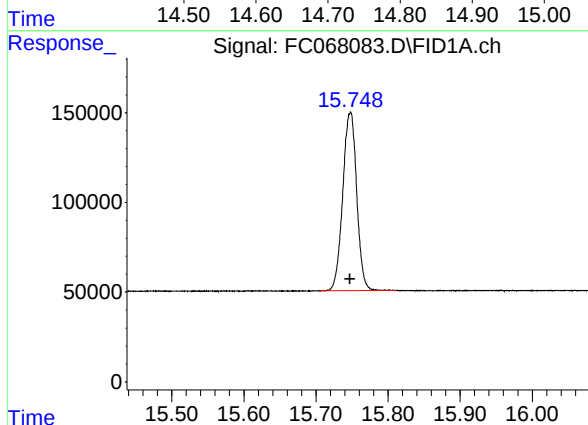
R.T.: 13.628 min
Delta R.T.: 0.000 min
Response: 1400563
Conc: 11.12 ug/ml

Instrument :
FID_C
ClientSampleId :
10 PPM ALIPHATIC HC STD4



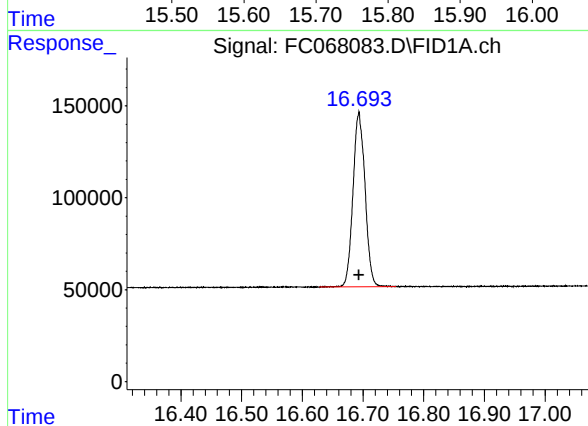
#14 n-Tetracosane (C24)

R.T.: 14.729 min
Delta R.T.: 0.000 min
Response: 1378178
Conc: 11.11 ug/ml



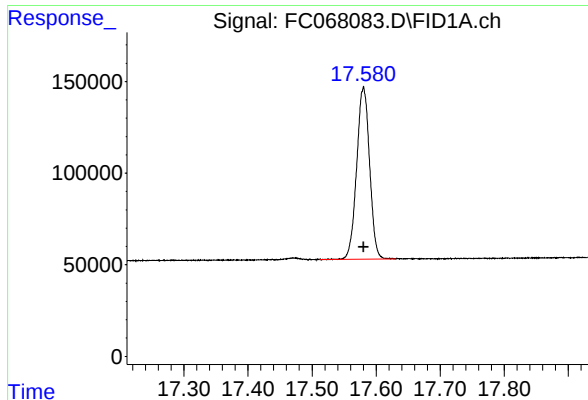
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: 0.000 min
Response: 1340220
Conc: 11.09 ug/ml



#16 n-Octacosane (C28)

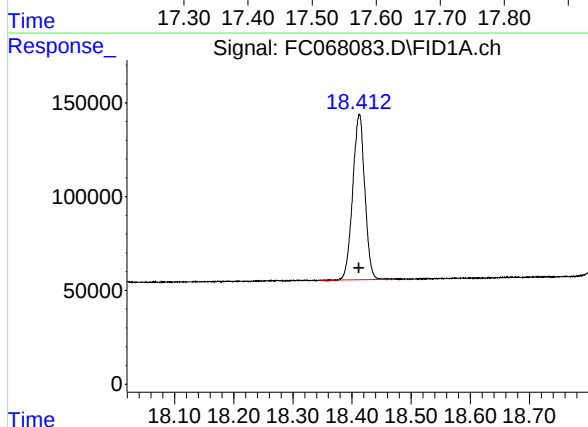
R.T.: 16.693 min
Delta R.T.: 0.000 min
Response: 1306330
Conc: 11.12 ug/ml



#17 n-Tricontane (C30)

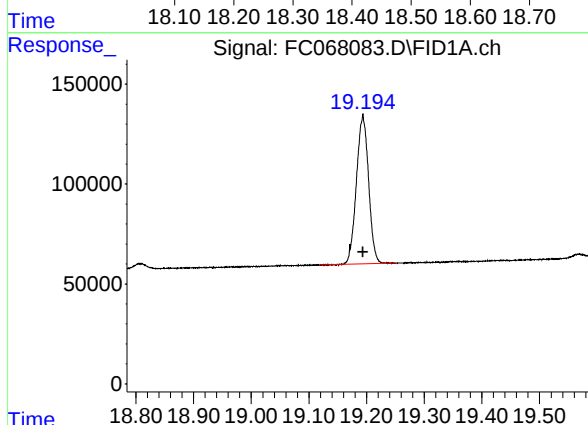
R.T.: 17.580 min
Delta R.T.: 0.000 min
Response: 1312669
Conc: 11.17 ug/ml

Instrument :
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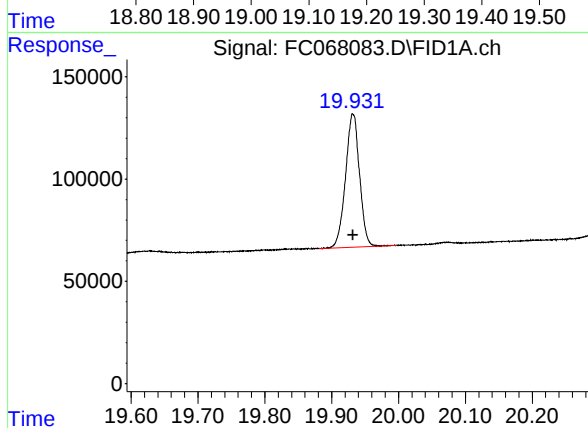
#18 n-Dotriacontane (C32)

R.T.: 18.412 min
Delta R.T.: 0.000 min
Response: 1253194
Conc: 11.20 ug/ml



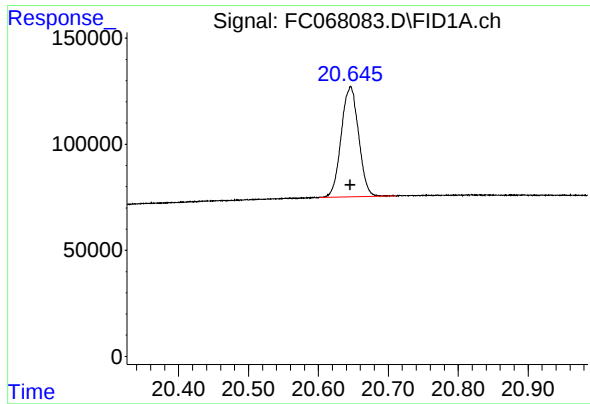
#19 n-Tetratriacontane (C34)

R.T.: 19.194 min
Delta R.T.: 0.000 min
Response: 1095534
Conc: 11.13 ug/ml



#20 n-Hexatriacontane (C36)

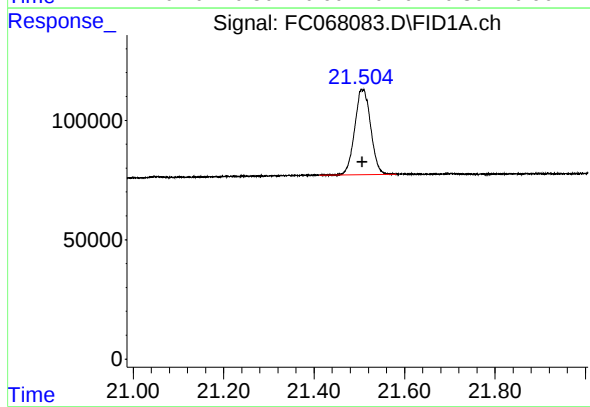
R.T.: 19.932 min
Delta R.T.: 0.000 min
Response: 948196
Conc: 11.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.646 min
Delta R.T.: 0.000 min
Response: 896541
Conc: 10.96 ug/ml

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10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.507 min
Delta R.T.: 0.000 min
Response: 869558
Conc: 10.85 ug/ml