

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AL\
 Data File : FF015197.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 14:24
 Operator : YP\AJ
 Sample : 100 PPM ALIPHATIC HC STD1
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 100 PPM ALIPHATIC HC STD1

Integration File: autoint1.e
 Quant Time: Dec 20 15:52:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 15:49:44 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)	11.933	15399638	96.107 ug/ml
Spiked Amount 50.000		Recovery =	192.21%
12) S 1-chlorooctadecane (S...	13.366	11985753	96.463 ug/ml
Spiked Amount 50.000		Recovery =	192.93%
Target Compounds			
1) T n-Nonane (C9)	3.321	12707705	96.148 ug/ml
2) T n-Decane (C10)	4.575	13004062	96.214 ug/ml
3) T A~Naphthalene (C11.7)	6.276	14344796	96.183 ug/ml
4) T n-Dodecane (C12)	6.739	13242721	96.429 ug/ml
5) T A~2-methylnaphthalene...	7.372	14053418	96.518 ug/ml
6) T n-Tetradecane (C14)	8.565	13305201	96.451 ug/ml
7) T n-Hexadecane (C16)	10.171	13898591	96.312 ug/ml
8) T n-Octadecane (C18)	11.615	14205629	96.099 ug/ml
10) T n-Eicosane (C20)	12.922	13834460	96.051 ug/ml
11) T n-Heneicosane (C21)	13.534	13681943	96.086 ug/ml
13) T n-Docosane (C22)	14.118	13663955	96.112 ug/ml
14) T n-Tetracosane (C24)	15.221	13636734	95.643 ug/ml
15) T n-Hexacosane (C26)	16.241	13367980	95.626 ug/ml
16) T n-Octacosane (C28)	17.190	12929685	94.525 ug/ml
17) T n-Tricontane (C30)	18.076	12782320	92.948 ug/ml
18) T n-Dotriacontane (C32)	18.908	12002464	92.005 ug/ml
19) T n-Tetratriacontane (C34)	19.689	10355884	92.499 ug/ml
20) T n-Hexatriacontane (C36)	20.428	8851200	94.037 ug/ml
21) T n-Octatriacontane (C38)	21.162	8207795	94.415 ug/ml
22) T n-Tetracontane (C40)	22.070	7804696	95.237 ug/ml

(f)=RT Delta > 1/2 Window

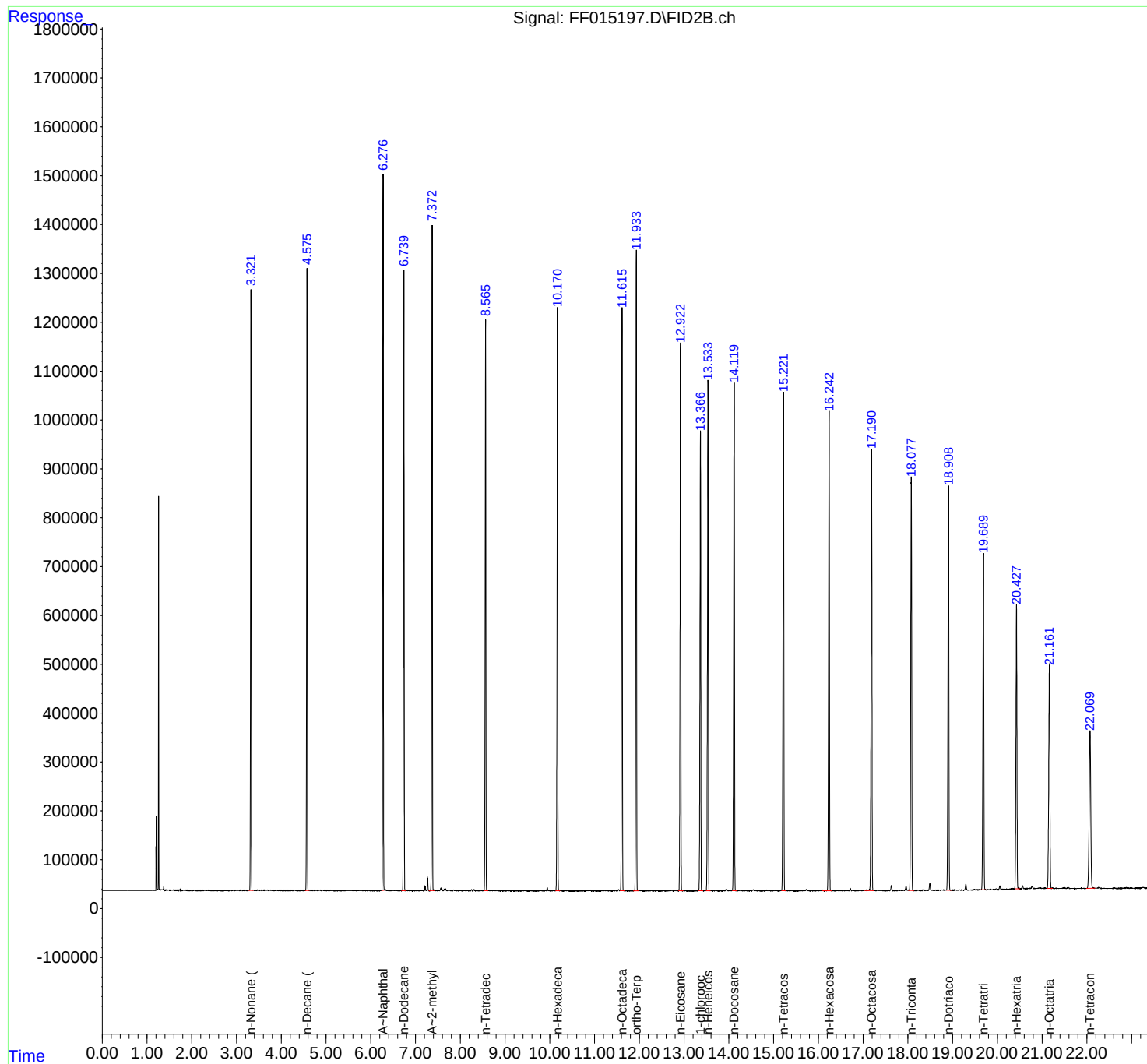
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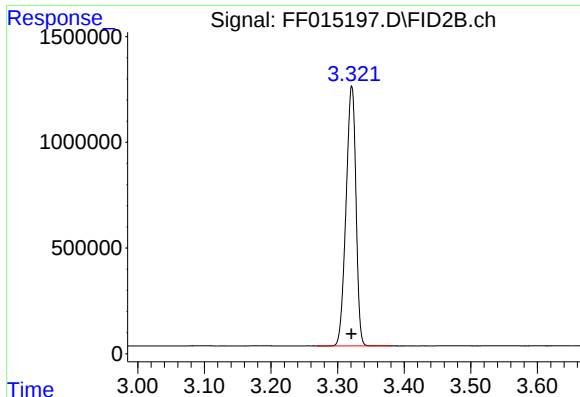
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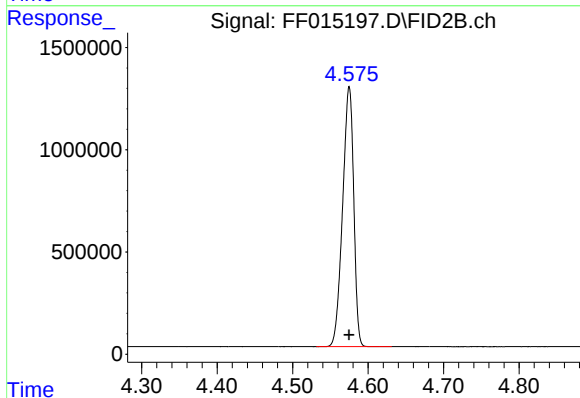




#1 n-Nonane (C9)

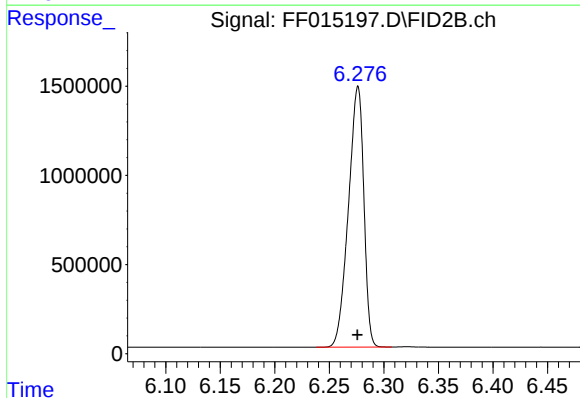
R.T.: 3.321 min
Delta R.T.: 0.000 min
Response: 12707705
Conc: 96.15 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



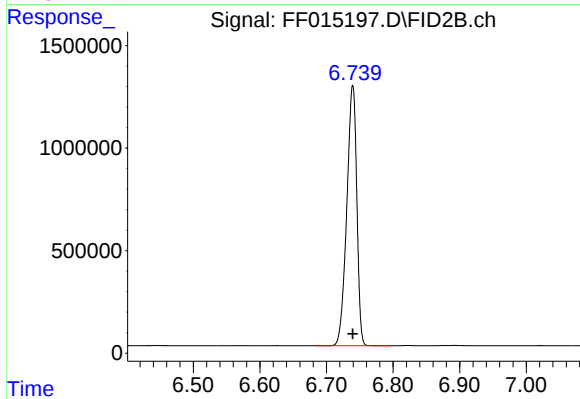
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 13004062
Conc: 96.21 ug/ml



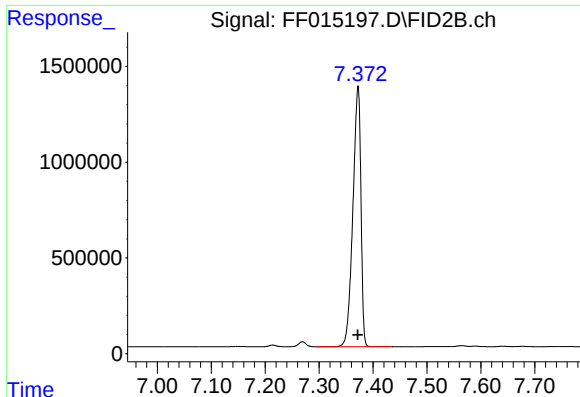
#3 A~Naphthalene (C11.7)

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 14344796
Conc: 96.18 ug/ml



#4 n-Dodecane (C12)

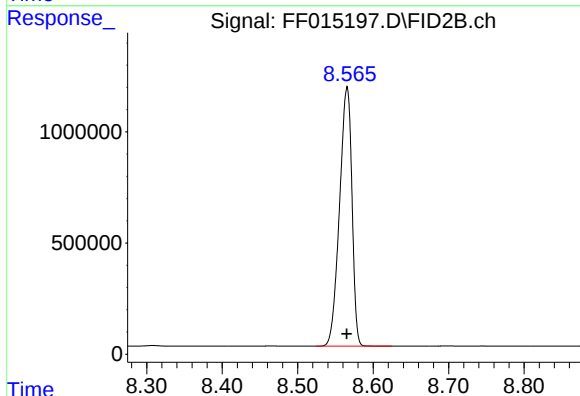
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 13242721
Conc: 96.43 ug/ml



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

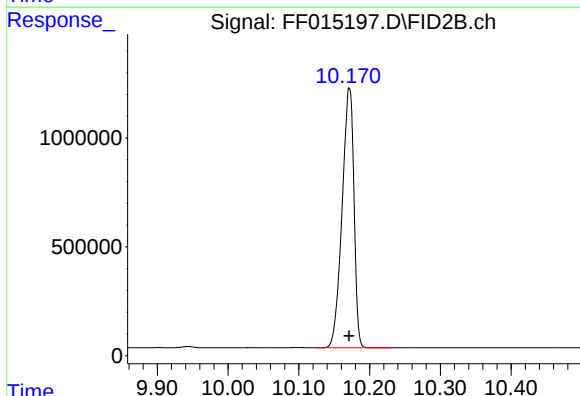
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 14053418
Conc: 96.52 ug/ml

Instrument :
FID_F
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100 PPM ALIPHATIC HC STD1



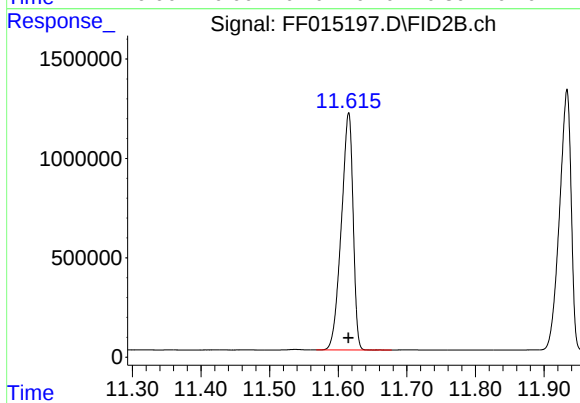
#6 n-Tetradecane (C14)

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 13305201
Conc: 96.45 ug/ml



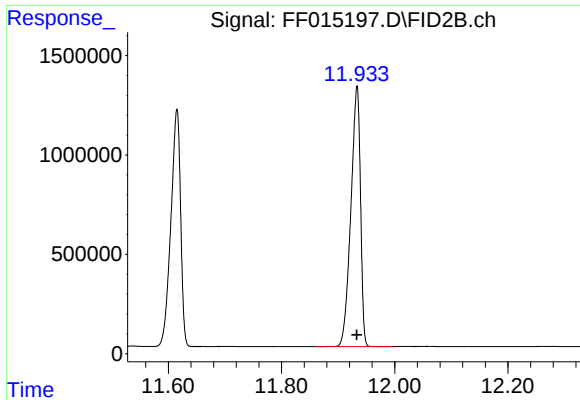
#7 n-Hexadecane (C16)

R.T.: 10.171 min
Delta R.T.: 0.000 min
Response: 13898591
Conc: 96.31 ug/ml



#8 n-Octadecane (C18)

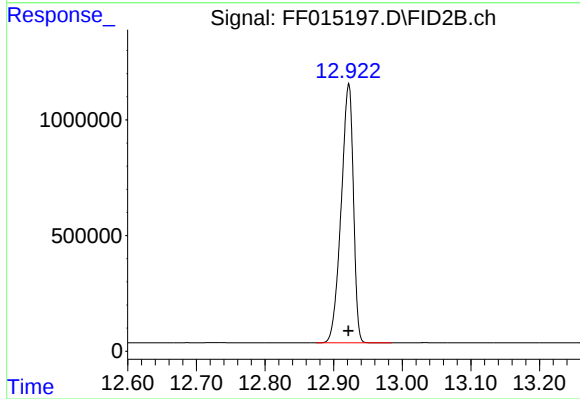
R.T.: 11.615 min
Delta R.T.: 0.000 min
Response: 14205629
Conc: 96.10 ug/ml



#9 ortho-Terphenyl (SURR)

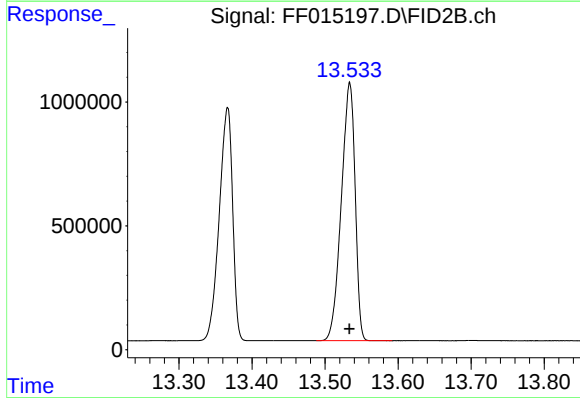
R.T.: 11.933 min
Delta R.T.: 0.000 min
Response: 15399638
Conc: 96.11 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



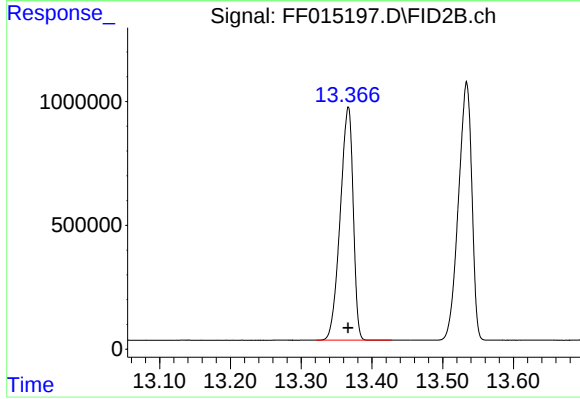
#10 n-Eicosane (C20)

R.T.: 12.922 min
Delta R.T.: 0.000 min
Response: 13834460
Conc: 96.05 ug/ml



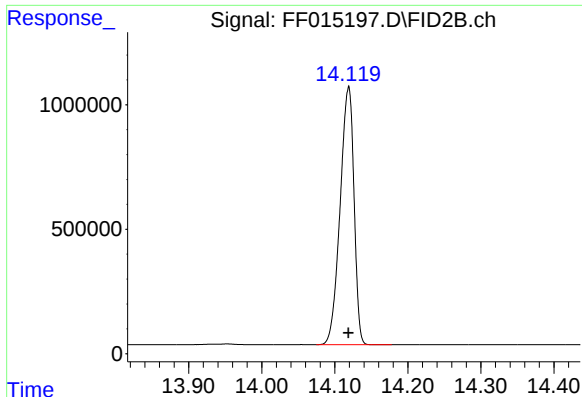
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.000 min
Response: 13681943
Conc: 96.09 ug/ml



#12 1-chlorooctadecane (SURR)

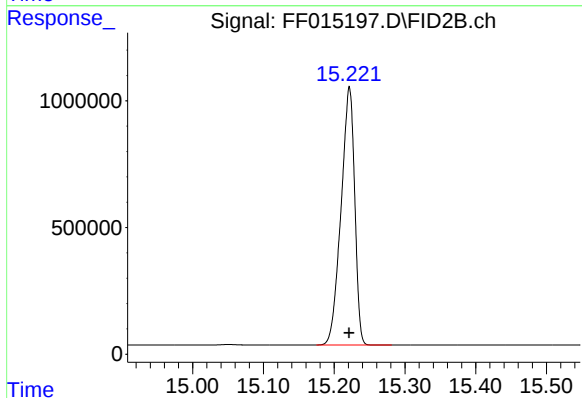
R.T.: 13.366 min
Delta R.T.: 0.000 min
Response: 11985753
Conc: 96.46 ug/ml



#13 n-Docosane (C22)

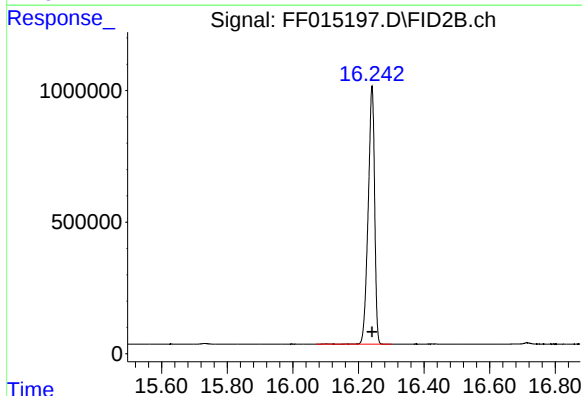
R.T.: 14.118 min
Delta R.T.: 0.000 min
Response: 13663955
Conc: 96.11 ug/ml

Instrument :
FID_F
ClientSampleId :
100 PPM ALIPHATIC HC STD1



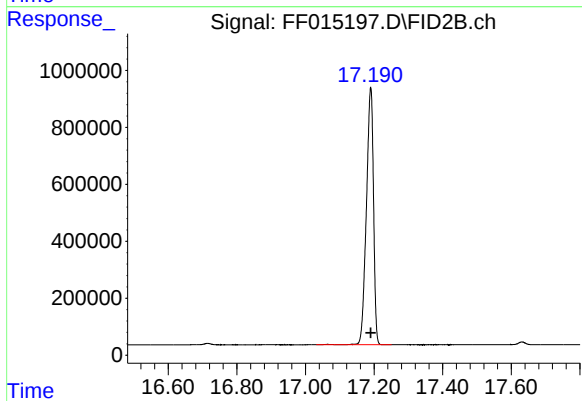
#14 n-Tetracosane (C24)

R.T.: 15.221 min
Delta R.T.: 0.000 min
Response: 13636734
Conc: 95.64 ug/ml



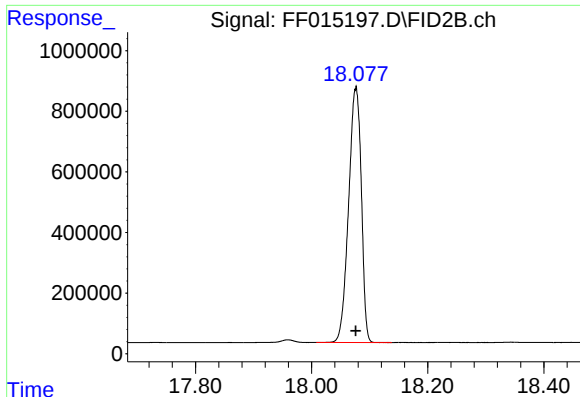
#15 n-Hexacosane (C26)

R.T.: 16.241 min
Delta R.T.: 0.000 min
Response: 13367980
Conc: 95.63 ug/ml



#16 n-Octacosane (C28)

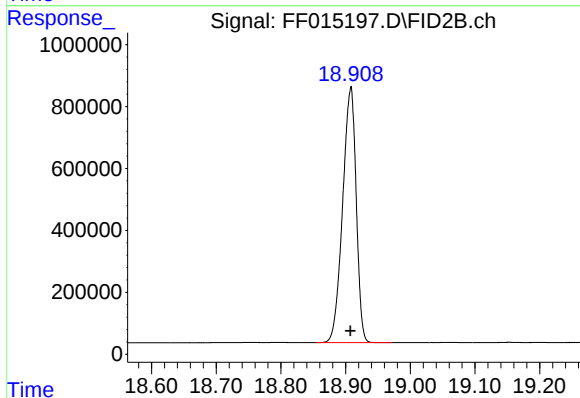
R.T.: 17.190 min
Delta R.T.: 0.000 min
Response: 12929685
Conc: 94.53 ug/ml



#17 n-Tricontane (C30)

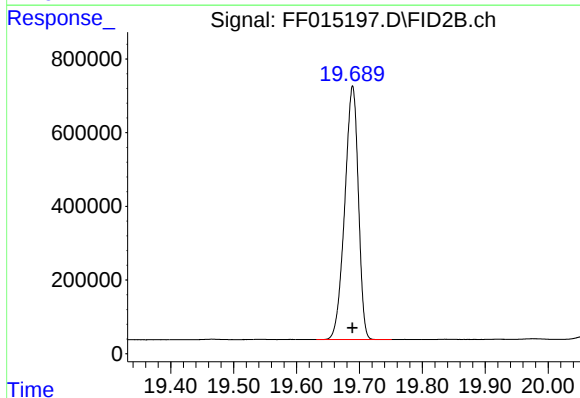
R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 12782320
Conc: 92.95 ug/ml

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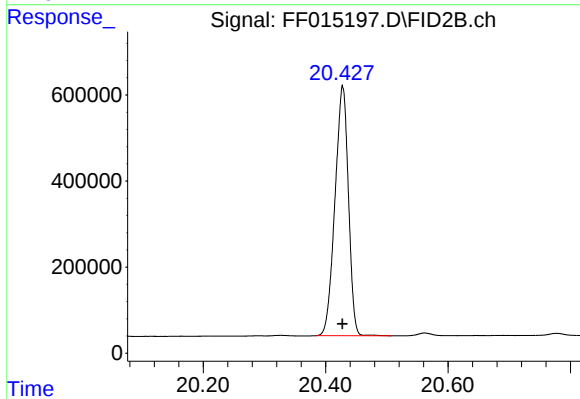
#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: 0.000 min
Response: 12002464
Conc: 92.00 ug/ml



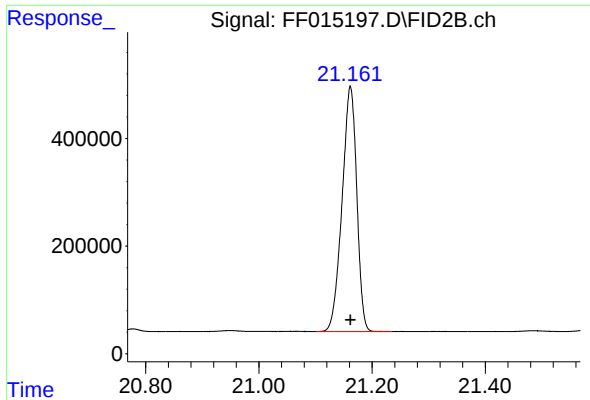
#19 n-Tetratriacontane (C34)

R.T.: 19.689 min
Delta R.T.: 0.000 min
Response: 10355884
Conc: 92.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.428 min
Delta R.T.: 0.000 min
Response: 8851200
Conc: 94.04 ug/ml



#21 n-Octatriacontane (C38)

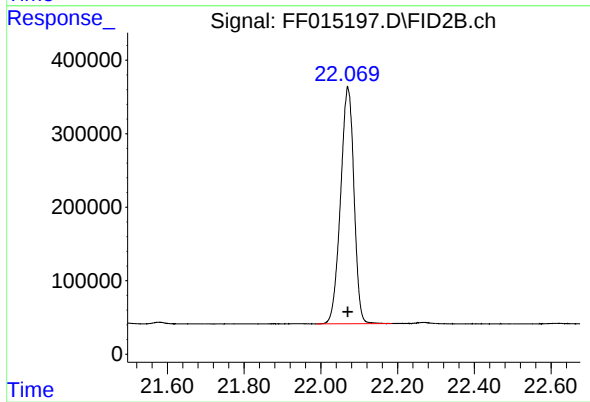
R.T.: 21.162 min
Delta R.T.: 0.000 min
Response: 8207795
Conc: 94.41 ug/ml

Instrument :

FID_F

ClientSampleId :

100 PPM ALIPHATIC HC STD1



#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: 0.000 min
Response: 7804696
Conc: 95.24 ug/ml