

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111424AL\
 Data File : FF015038.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 15:12
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Nov 14 16:21:19 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 16:20:39 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)	11.926	2844052	20.325 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.361	2166366	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.322	2509596	20.089 ug/ml
2) T n-Decane (C10)	4.572	2591112	20.273 ug/ml
3) T A~Naphthalene (C11.7)	6.272	2821012	20.242 ug/ml
4) T n-Dodecane (C12)	6.733	2622731	20.256 ug/ml
5) T A~2-methylnaphthalene...	7.365	2721215	20.241 ug/ml
6) T n-Tetradecane (C14)	8.557	2618268	20.286 ug/ml
7) T n-Hexadecane (C16)	10.164	2701670	20.305 ug/ml
8) T n-Octadecane (C18)	11.607	2723908	20.430 ug/ml
10) T n-Eicosane (C20)	12.916	2578704	20.427 ug/ml
11) T n-Heneicosane (C21)	13.528	2512356	20.423 ug/ml
13) T n-Docosane (C22)	14.115	2495755	20.515 ug/ml
14) T n-Tetracosane (C24)	15.218	2488097	20.966 ug/ml
15) T n-Hexacosane (C26)	16.240	2426246	21.005 ug/ml
16) T n-Octacosane (C28)	17.190	2430341	21.261 ug/ml
17) T n-Tricontane (C30)	18.077	2561759	21.566 ug/ml
18) T n-Dotriacontane (C32)	18.910	2522841	21.520 ug/ml
19) T n-Tetratriacontane (C34)	19.694	2173588	21.271 ug/ml
20) T n-Hexatriacontane (C36)	20.435	1879948	21.208 ug/ml
21) T n-Octatriacontane (C38)	21.172	1787595	20.849 ug/ml
22) T n-Tetracontane (C40)	22.084	1791469	20.296 ug/ml

(f)=RT Delta > 1/2 Window

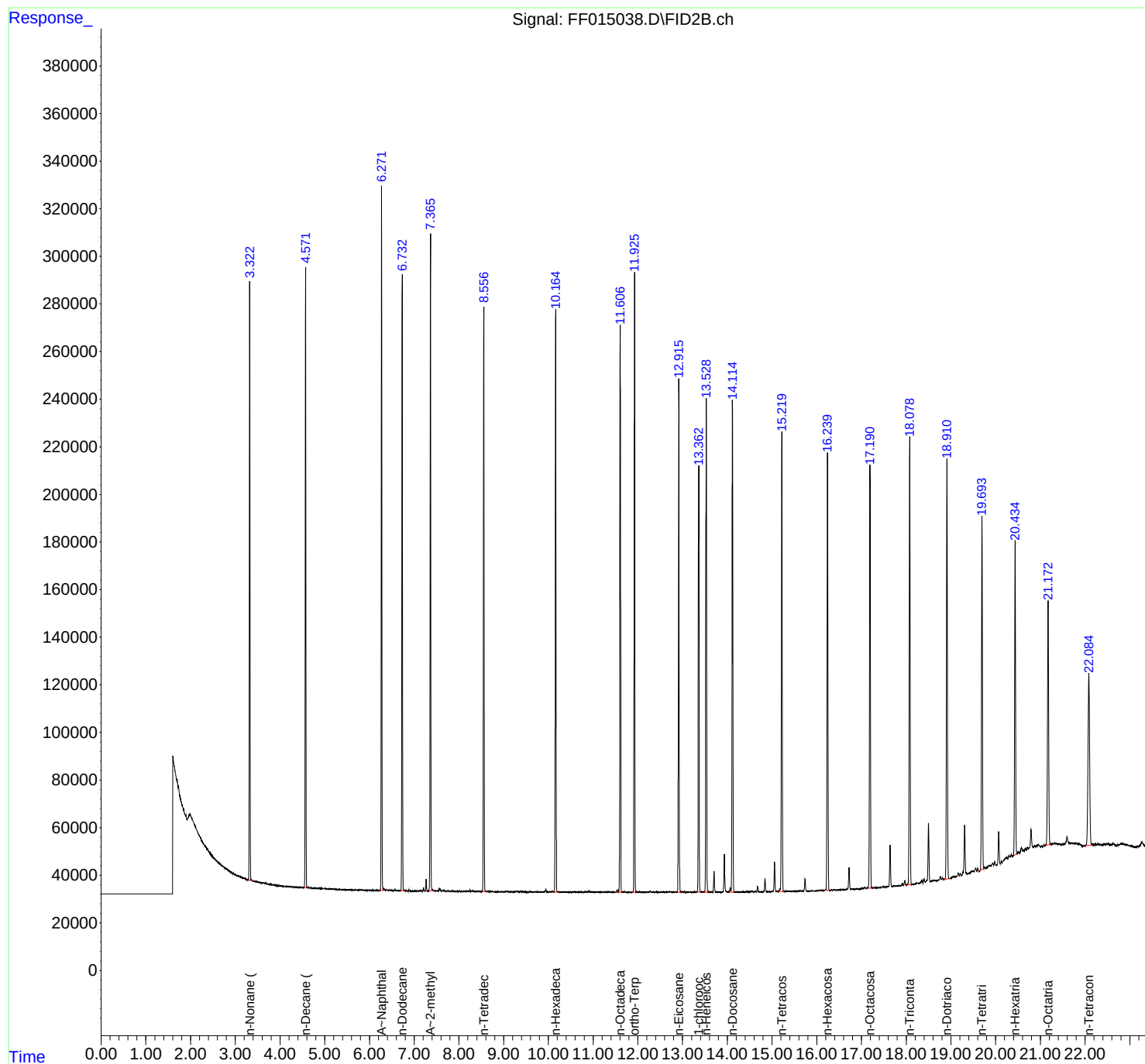
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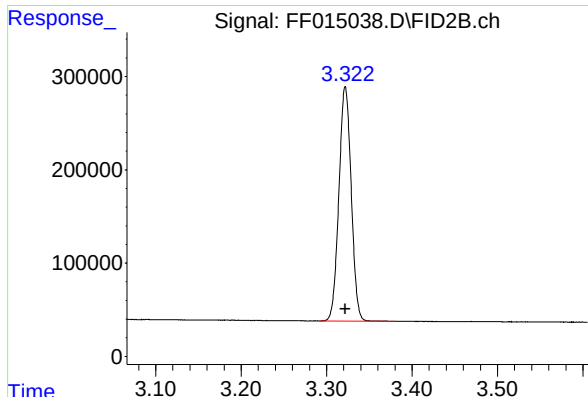
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#1 n-Nonane (C9)

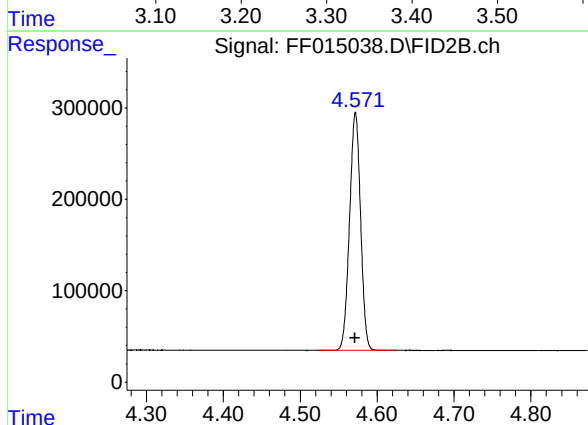
R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 2509596
Conc: 20.09 ug/ml

Instrument :

FID_F

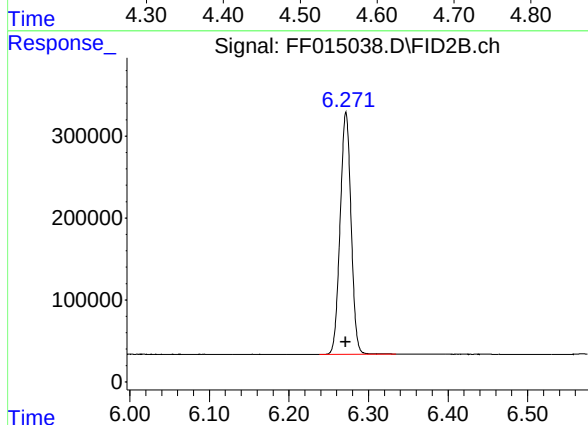
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



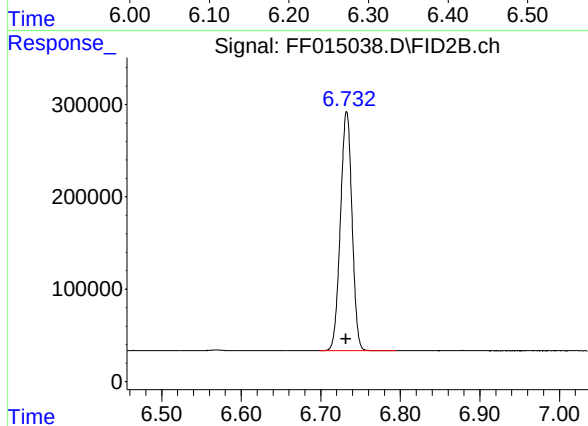
#2 n-Decane (C10)

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 2591112
Conc: 20.27 ug/ml



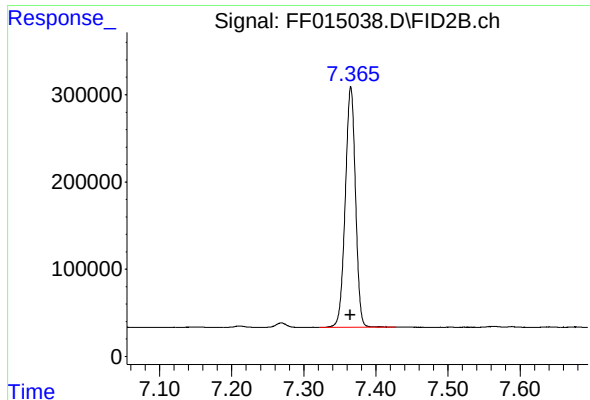
#3 A~Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2821012
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 2622731
Conc: 20.26 ug/ml



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

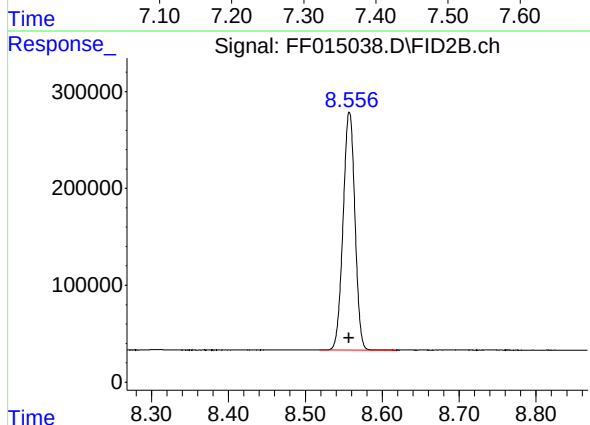
R.T.: 7.365 min
Delta R.T.: 0.000 min
Response: 2721215
Conc: 20.24 ug/ml

Instrument :

FID_F

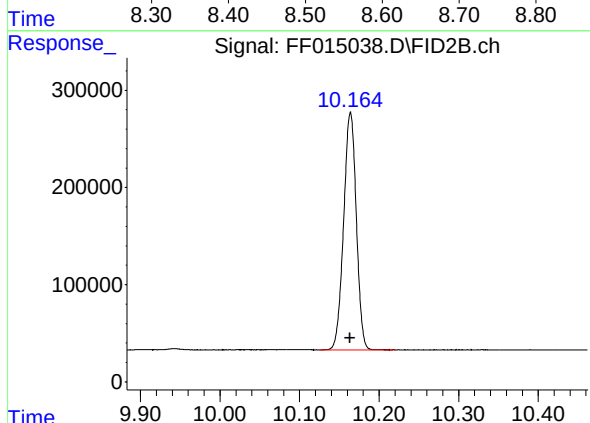
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



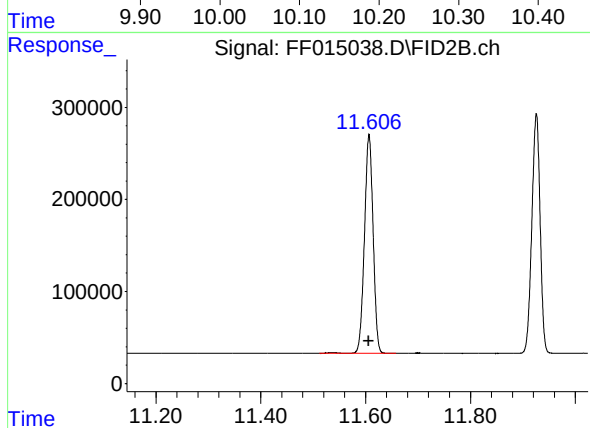
#6 n-Tetradecane (C14)

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 2618268
Conc: 20.29 ug/ml



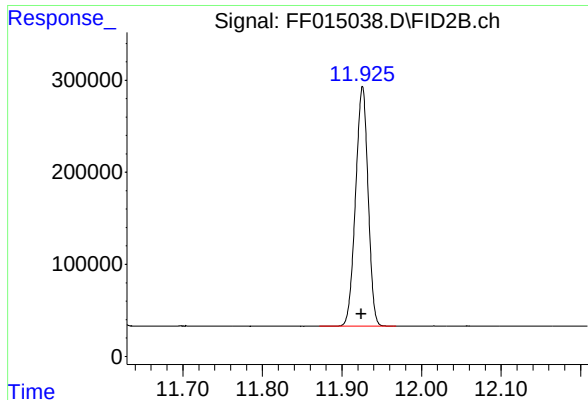
#7 n-Hexadecane (C16)

R.T.: 10.164 min
Delta R.T.: 0.000 min
Response: 2701670
Conc: 20.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.607 min
Delta R.T.: 0.001 min
Response: 2723908
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

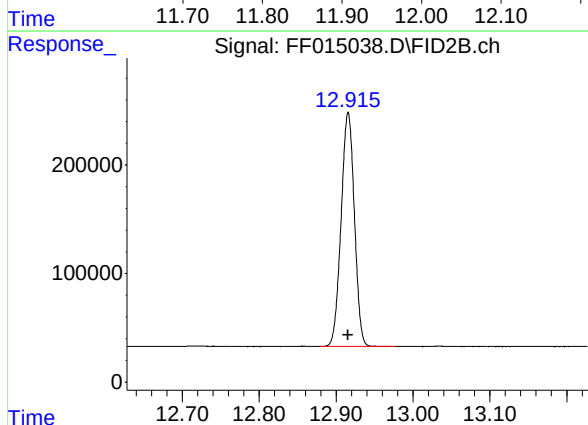
R.T.: 11.926 min
Delta R.T.: 0.001 min
Response: 2844052
Conc: 20.32 ug/ml

Instrument :

FID_F

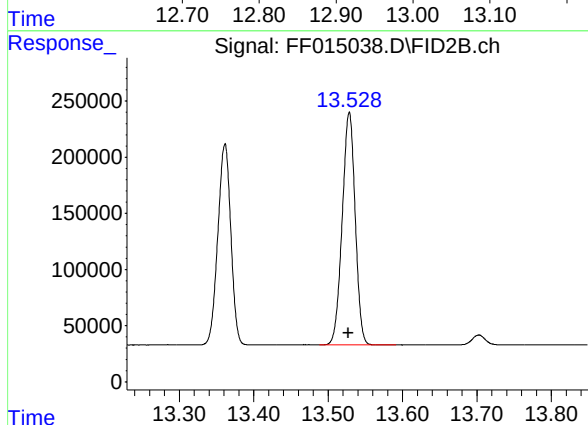
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



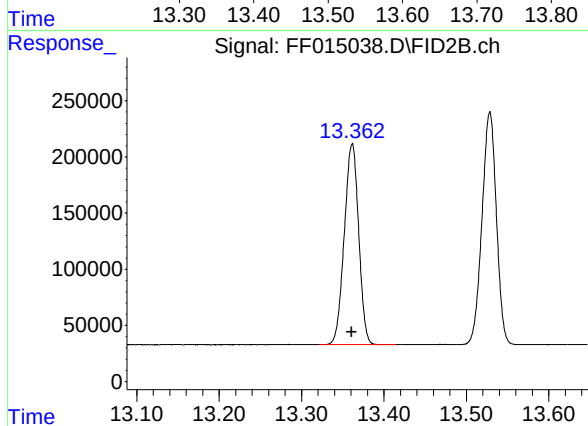
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: 0.000 min
Response: 2578704
Conc: 20.43 ug/ml



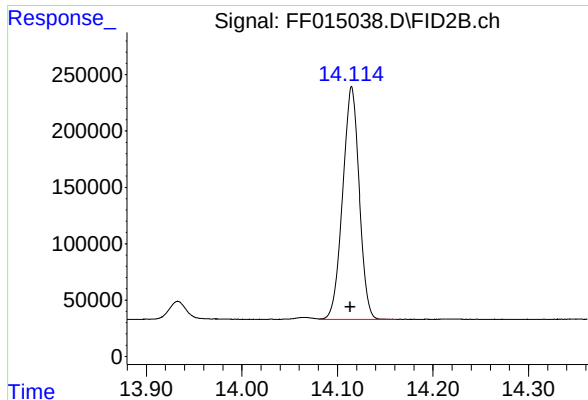
#11 n-Heneicosane (C21)

R.T.: 13.528 min
Delta R.T.: 0.001 min
Response: 2512356
Conc: 20.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: 0.000 min
Response: 2166366
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

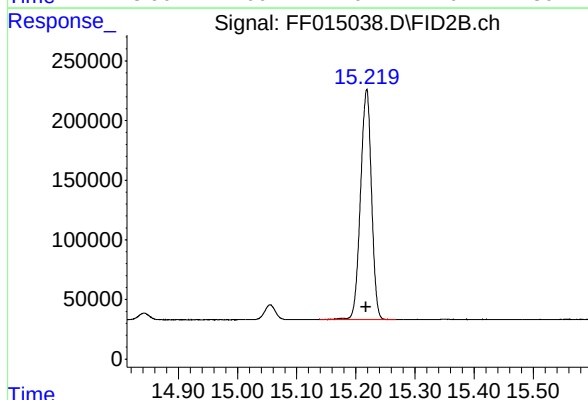
R.T.: 14.115 min
Delta R.T.: 0.001 min
Response: 2495755
Conc: 20.51 ug/ml

Instrument :

FID_F

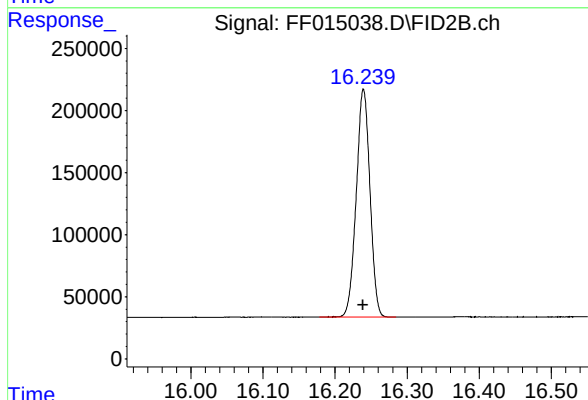
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



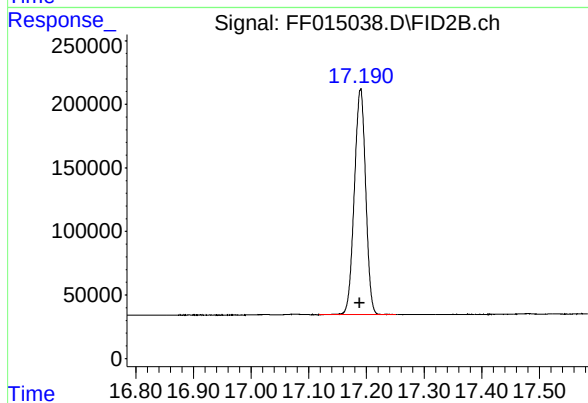
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: 0.000 min
Response: 2488097
Conc: 20.97 ug/ml



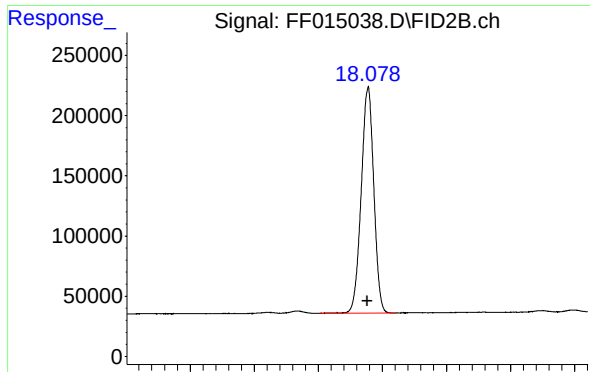
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.000 min
Response: 2426246
Conc: 21.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: 0.001 min
Response: 2430341
Conc: 21.26 ug/ml



#17 n-Tricontane (C30)

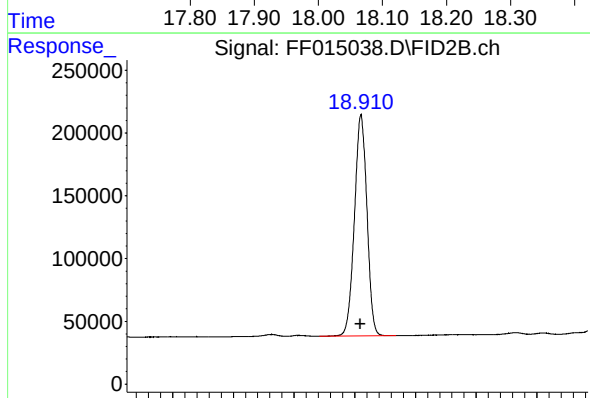
R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 2561759
Conc: 21.57 ug/ml

Instrument :

FID_F

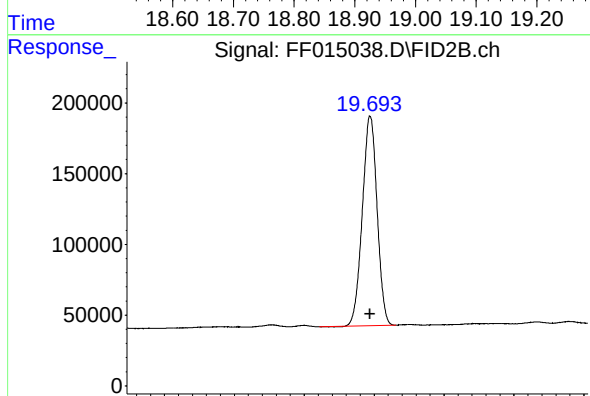
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



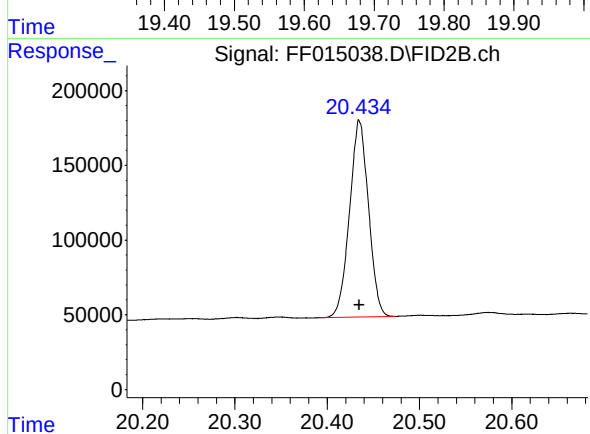
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: 0.000 min
Response: 2522841
Conc: 21.52 ug/ml



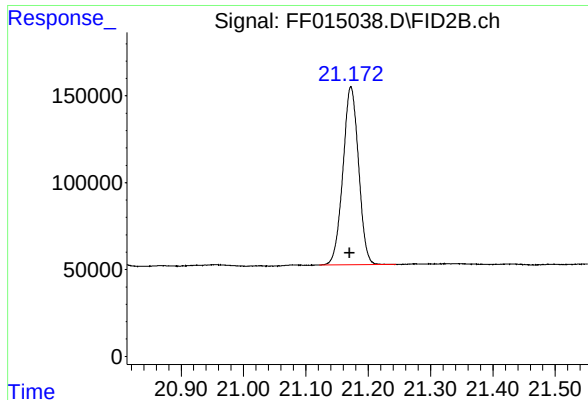
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: 0.000 min
Response: 2173588
Conc: 21.27 ug/ml



#20 n-Hexatriacontane (C36)

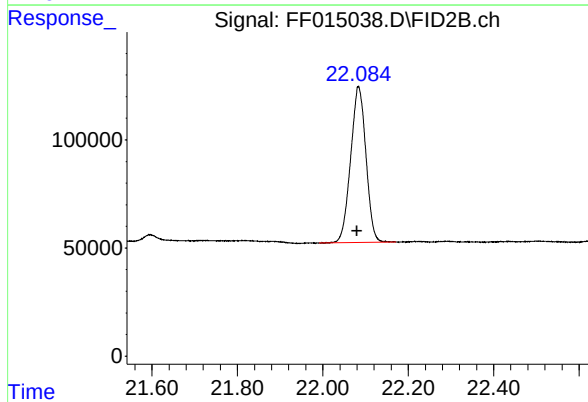
R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 1879948
Conc: 21.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: 0.002 min
Response: 1787595
Conc: 20.85 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.004 min
Response: 1791469
Conc: 20.30 ug/ml