

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF121024AL\
 Data File : FF015163.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 17:07
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Dec 10 17:18:57 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 16:57:57 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)	11.919	2582644	18.748 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.354	1761161	18.669 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.318	2375209	18.707 ug/ml
2) T n-Decane (C10)	4.567	2415857	18.721 ug/ml
3) T A~Naphthalene (C11.7)	6.266	2550837	18.708 ug/ml
4) T n-Dodecane (C12)	6.727	2422124	18.696 ug/ml
5) T A~2-methylnaphthalene...	7.359	2417787	18.716 ug/ml
6) T n-Tetradecane (C14)	8.552	2386821	18.708 ug/ml
7) T n-Hexadecane (C16)	10.158	2435560	18.724 ug/ml
8) T n-Octadecane (C18)	11.600	2451706	18.777 ug/ml
10) T n-Eicosane (C20)	12.909	2286958	18.759 ug/ml
11) T n-Heneicosane (C21)	13.521	2232130	18.753 ug/ml
13) T n-Docosane (C22)	14.107	2203892	18.766 ug/ml
14) T n-Tetracosane (C24)	15.210	2219206	18.929 ug/ml
15) T n-Hexacosane (C26)	16.231	2137492	18.927 ug/ml
16) T n-Octacosane (C28)	17.182	2100831	18.954 ug/ml
17) T n-Tricontane (C30)	18.069	2133898	18.862 ug/ml
18) T n-Dotriacontane (C32)	18.900	2035406	18.734 ug/ml
19) T n-Tetratriacontane (C34)	19.684	1735007	18.316 ug/ml
20) T n-Hexatriacontane (C36)	20.424	1401441	17.884 ug/ml
21) T n-Octatriacontane (C38)	21.159	1167534	16.865 ug/ml
22) T n-Tetracontane (C40)	22.066	930968	15.640 ug/ml

(f)=RT Delta > 1/2 Window

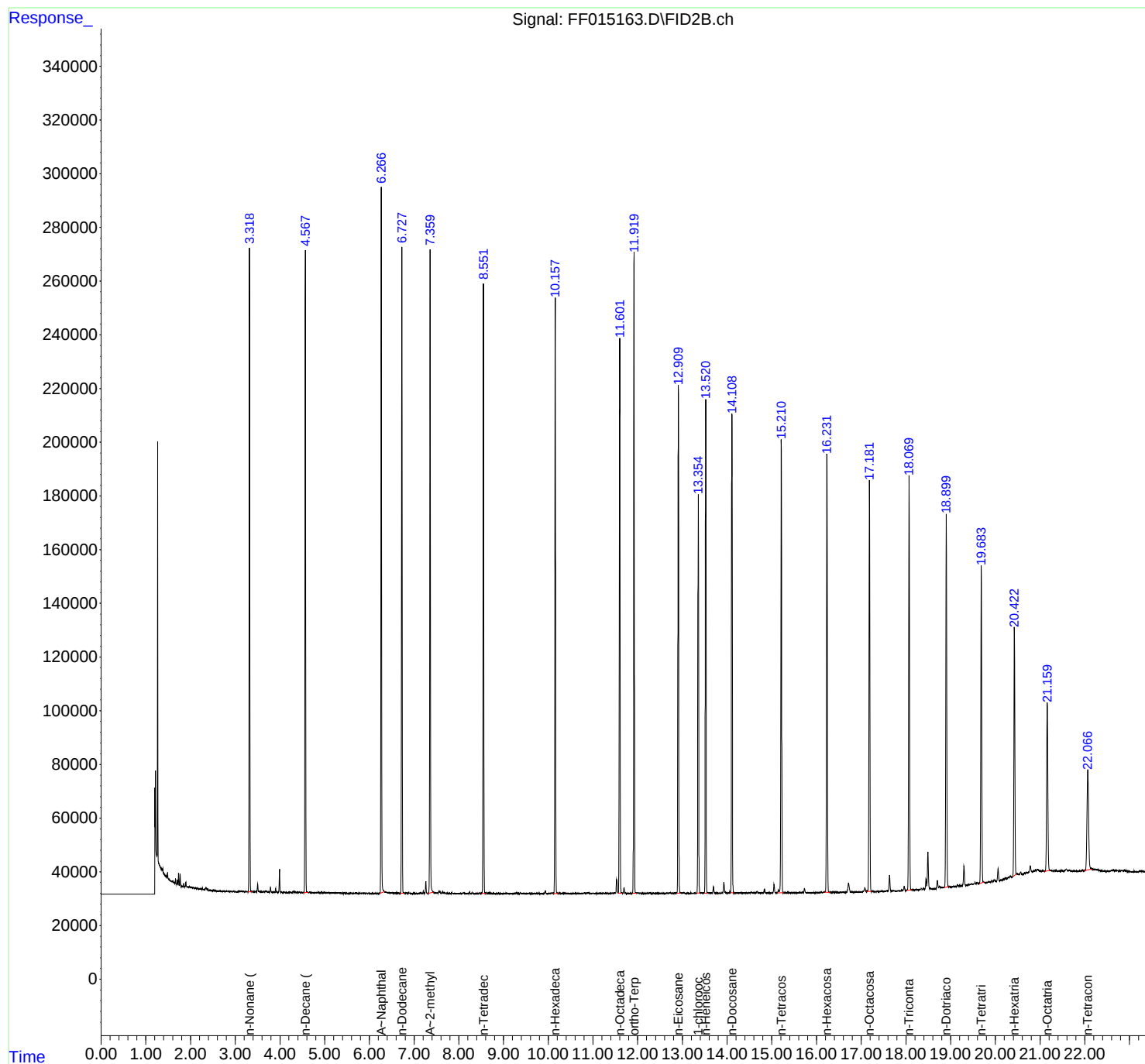
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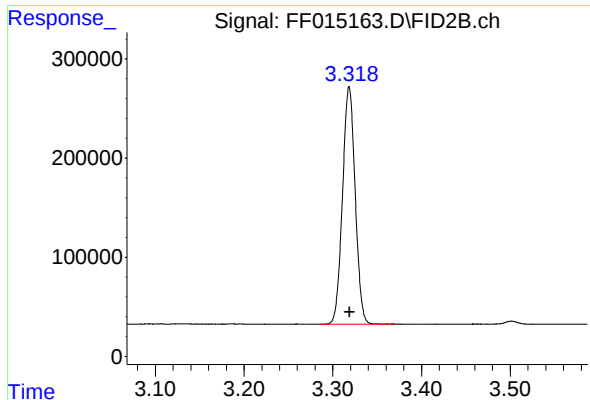
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#1 n-Nonane (C9)

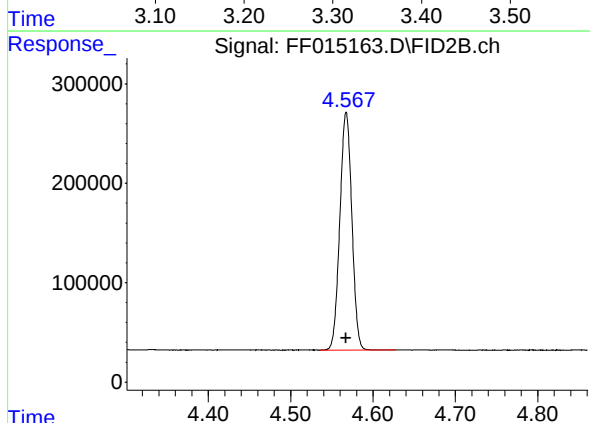
R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 2375209
Conc: 18.71 ug/ml

Instrument :

FID_F

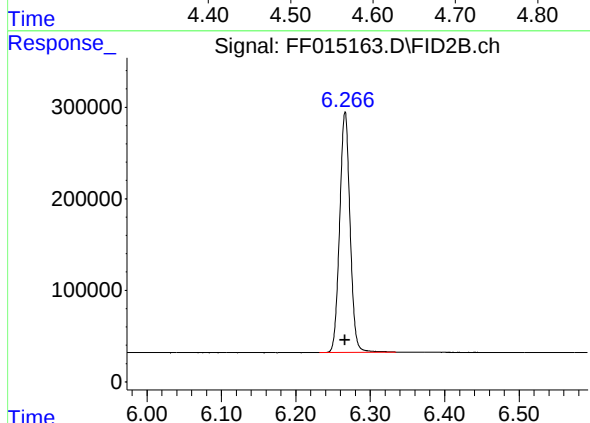
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



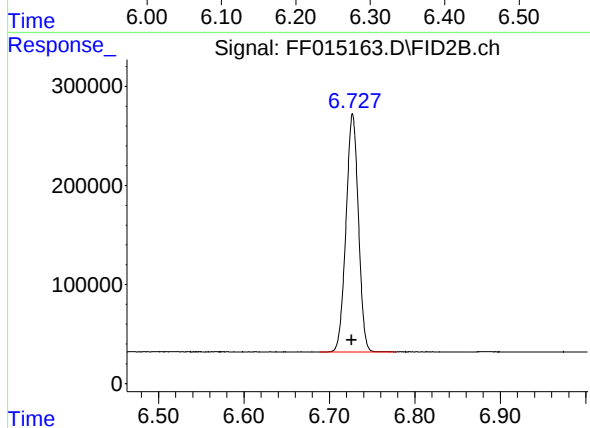
#2 n-Decane (C10)

R.T.: 4.567 min
Delta R.T.: 0.000 min
Response: 2415857
Conc: 18.72 ug/ml



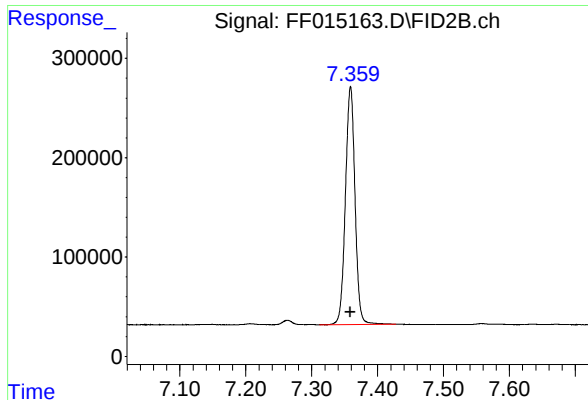
#3 A~Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: 0.000 min
Response: 2550837
Conc: 18.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.727 min
Delta R.T.: 0.001 min
Response: 2422124
Conc: 18.70 ug/ml



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

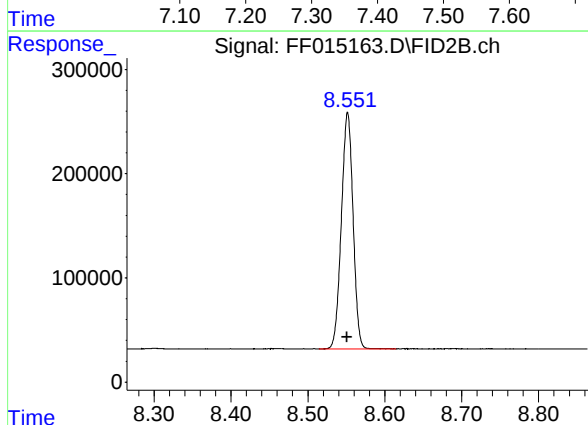
R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 2417787
Conc: 18.72 ug/ml

Instrument :

FID_F

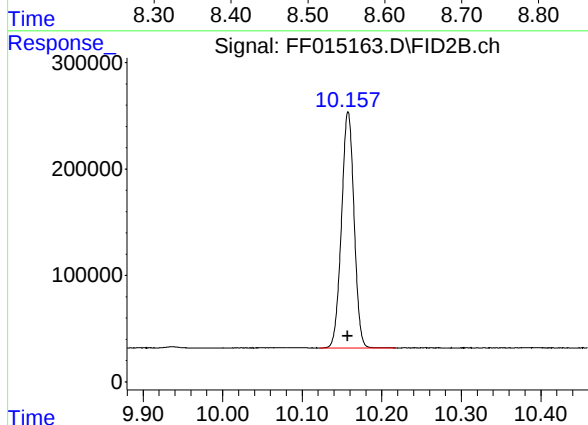
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



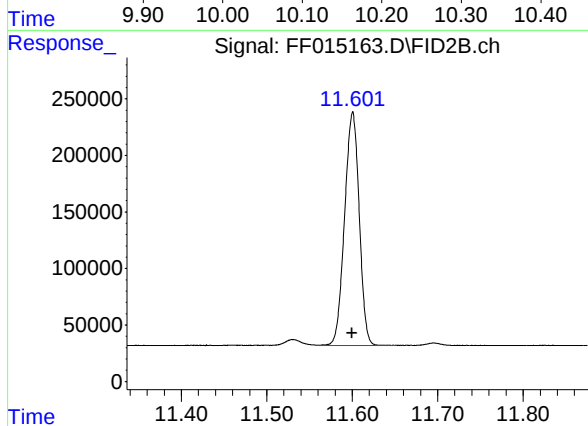
#6 n-Tetradecane (C14)

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 2386821
Conc: 18.71 ug/ml



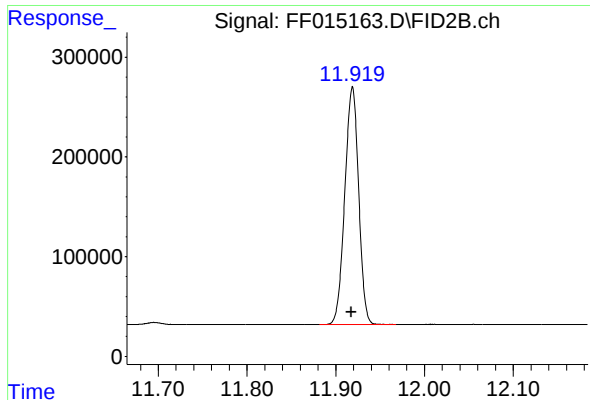
#7 n-Hexadecane (C16)

R.T.: 10.158 min
Delta R.T.: 0.000 min
Response: 2435560
Conc: 18.72 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: 0.000 min
Response: 2451706
Conc: 18.78 ug/ml



#9 ortho-Terphenyl (SURR)

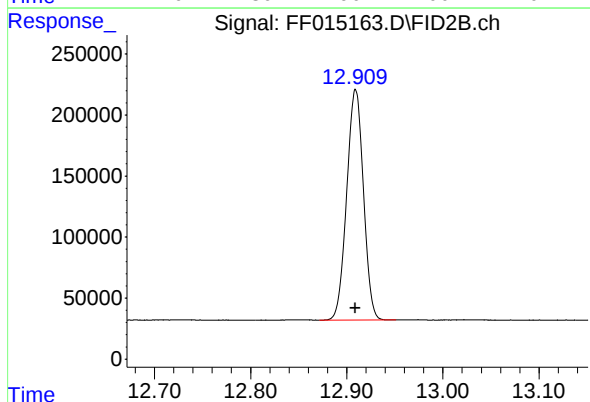
R.T.: 11.919 min
Delta R.T.: 0.000 min
Response: 2582644
Conc: 18.75 ug/ml

Instrument :

FID_F

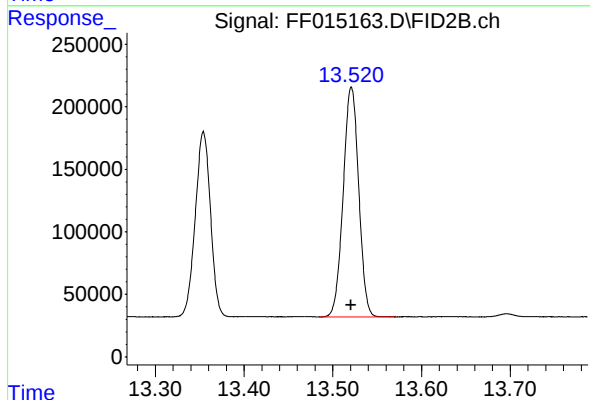
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



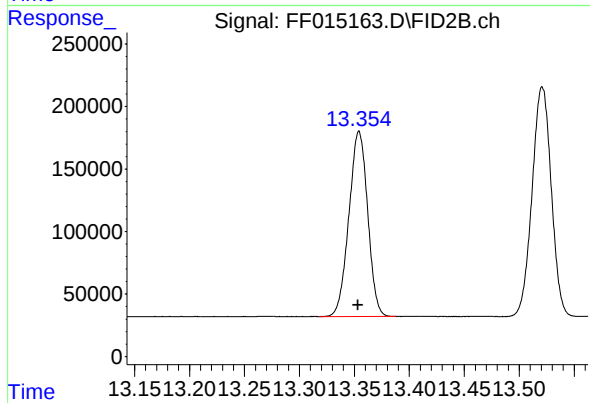
#10 n-Eicosane (C20)

R.T.: 12.909 min
Delta R.T.: 0.000 min
Response: 2286958
Conc: 18.76 ug/ml



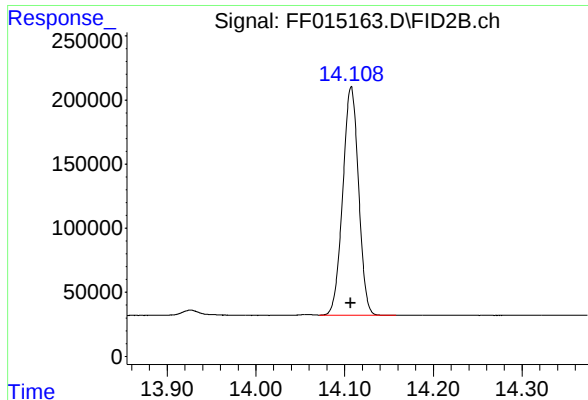
#11 n-Heneicosane (C21)

R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 2232130
Conc: 18.75 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.000 min
Response: 1761161
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

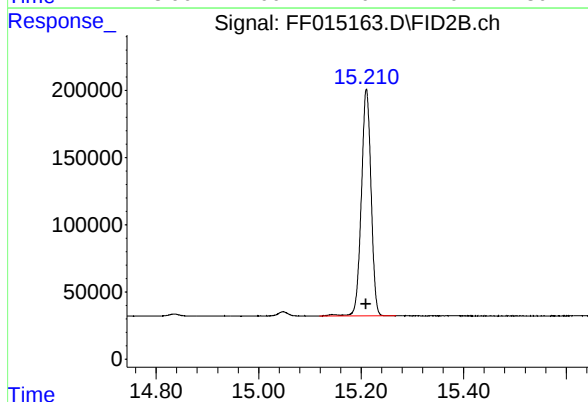
R.T.: 14.107 min
Delta R.T.: 0.000 min
Response: 2203892
Conc: 18.77 ug/ml

Instrument :

FID_F

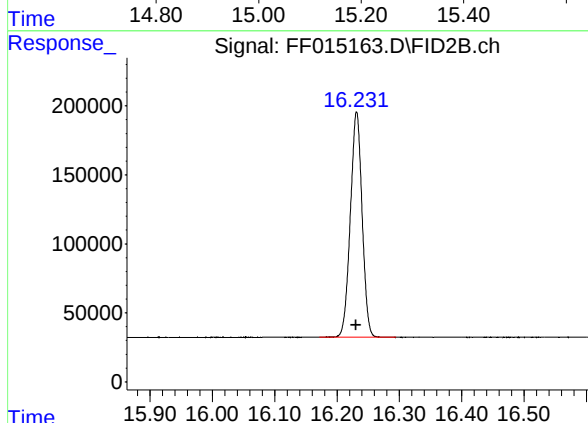
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



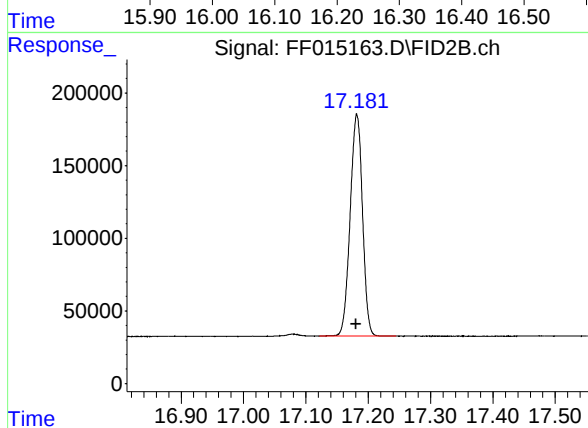
#14 n-Tetracosane (C24)

R.T.: 15.210 min
Delta R.T.: 0.000 min
Response: 2219206
Conc: 18.93 ug/ml



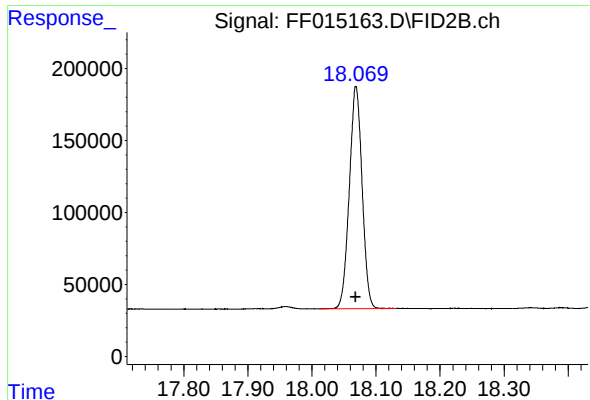
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.001 min
Response: 2137492
Conc: 18.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.182 min
Delta R.T.: 0.001 min
Response: 2100831
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

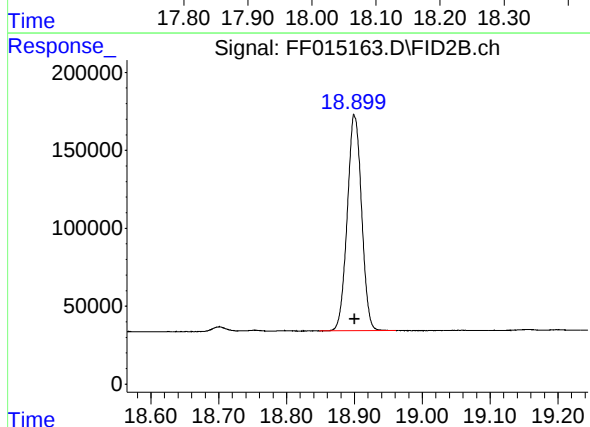
R.T.: 18.069 min
Delta R.T.: 0.000 min
Response: 2133898
Conc: 18.86 ug/ml

Instrument :

FID_F

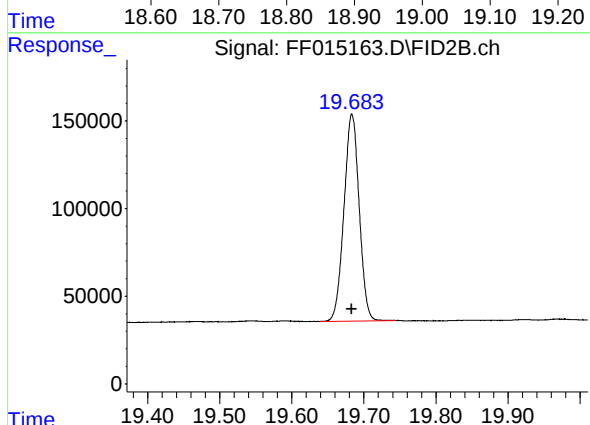
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



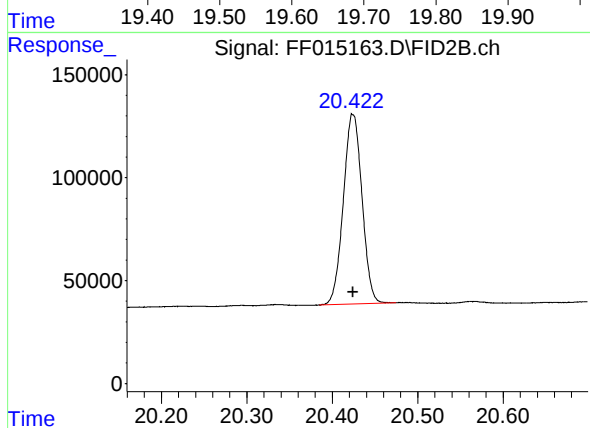
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 2035406
Conc: 18.73 ug/ml



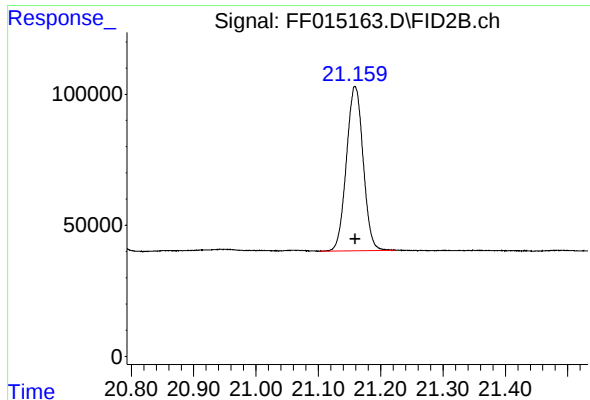
#19 n-Tetratriacontane (C34)

R.T.: 19.684 min
Delta R.T.: 0.000 min
Response: 1735007
Conc: 18.32 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.424 min
Delta R.T.: 0.000 min
Response: 1401441
Conc: 17.88 ug/ml



#21 n-Octatriacontane (C38)

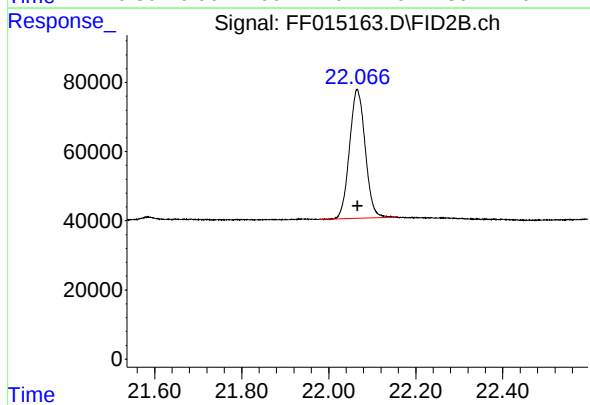
R.T.: 21.159 min
Delta R.T.: 0.000 min
Response: 1167534
Conc: 16.87 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: 0.000 min
Response: 930968
Conc: 15.64 ug/ml