

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100224AL\
 Data File : FF014593.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 12:08
 Operator : YP\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 02 12:25:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100224.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 02 12:05:46 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)	11.789	1569539	10.396 ug/ml
Spiked Amount 50.000		Recovery =	20.79%
12) S 1-chlorooctadecane (S...	13.233	1195854	10.089 ug/ml
Spiked Amount 50.000		Recovery =	20.18%
Target Compounds			
1) T n-Nonane (C9)	3.196	1269637	10.339 ug/ml
2) T n-Decane (C10)	4.443	1285699	10.287 ug/ml
3) T A~Naphthalene (C11.7)	6.137	1308059	9.790 ug/ml
4) T n-Dodecane (C12)	6.607	1303594	10.299 ug/ml
5) T A~2-methylnaphthalene...	7.232	1196696	9.412 ug/ml
6) T n-Tetradecane (C14)	8.434	1287686	10.170 ug/ml
7) T n-Hexadecane (C16)	10.040	1302175	9.868 ug/ml
8) T n-Octadecane (C18)	11.481	1369580	9.972 ug/ml
10) T n-Eicosane (C20)	12.789	1394791	10.228 ug/ml
11) T n-Heneicosane (C21)	13.400	1397516	10.295 ug/ml
13) T n-Docosane (C22)	13.987	1403728	10.228 ug/ml
14) T n-Tetracosane (C24)	15.087	1437085	10.206 ug/ml
15) T n-Hexacosane (C26)	16.108	1448058	10.242 ug/ml
16) T n-Octacosane (C28)	17.056	1478698	10.429 ug/ml
17) T n-Tricontane (C30)	17.942	1584773	10.910 ug/ml
18) T n-Dotriacontane (C32)	18.773	1585821	11.336 ug/ml
19) T n-Tetratriacontane (C34)	19.554	1336092	11.218 ug/ml
20) T n-Hexatriacontane (C36)	20.293	1109576	11.174 ug/ml
21) T n-Octatriacontane (C38)	21.008	896101	10.213 ug/ml
22) T n-Tetracontane (C40)	21.870	788562	9.978 ug/ml

(f)=RT Delta > 1/2 Window

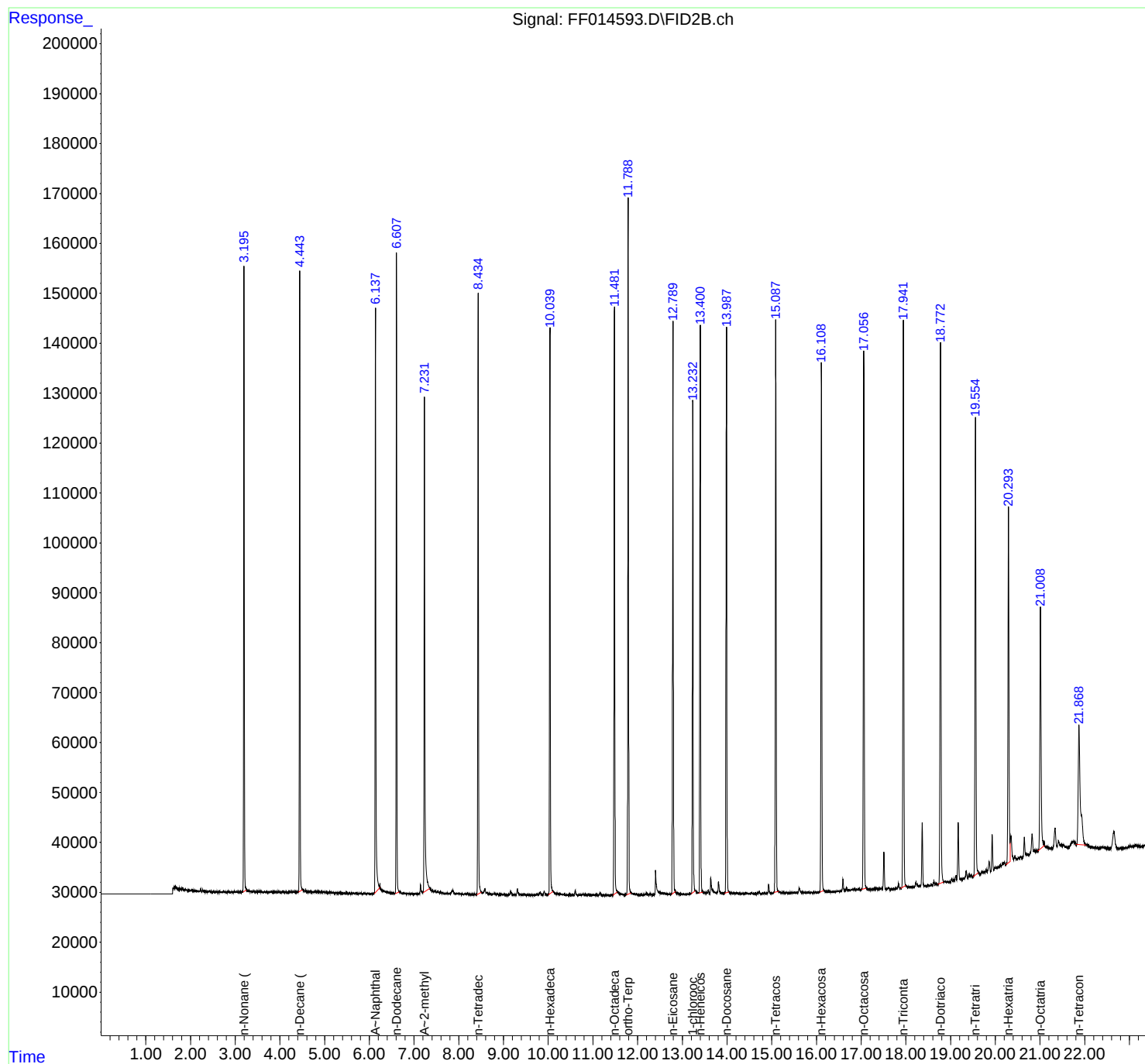
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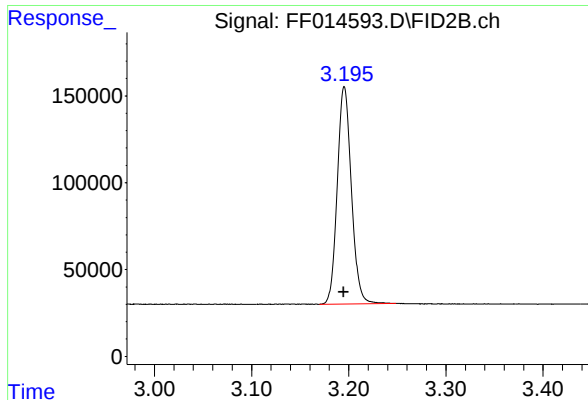
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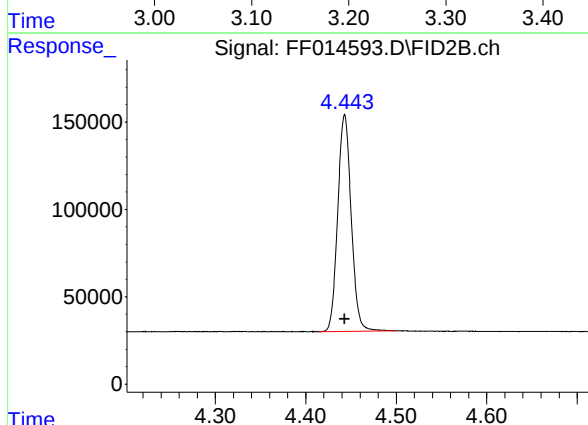




#1 n-Nonane (C9)

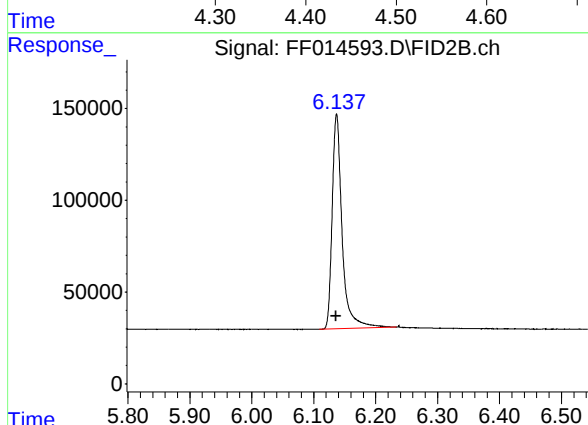
R.T.: 3.196 min
Delta R.T.: 0.000 min
Response: 1269637
Conc: 10.34 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



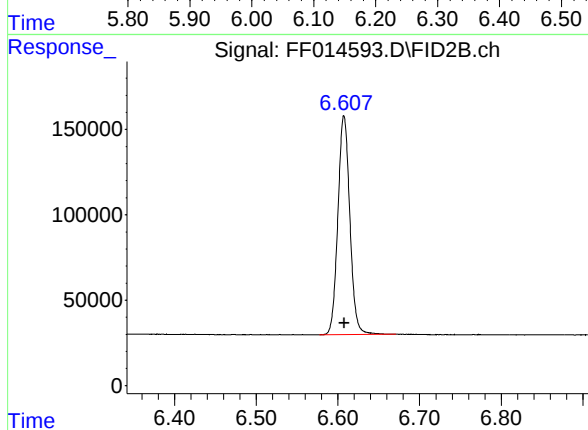
#2 n-Decane (C10)

R.T.: 4.443 min
Delta R.T.: 0.000 min
Response: 1285699
Conc: 10.29 ug/ml



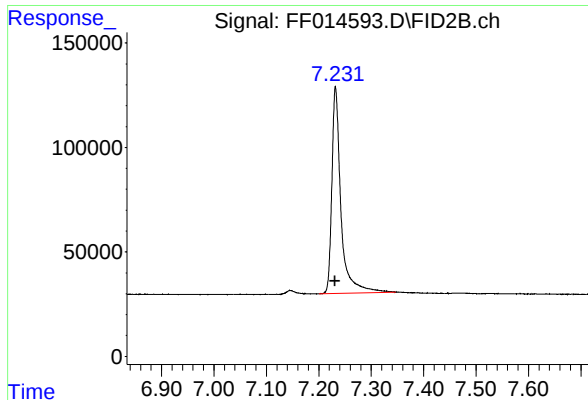
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 1308059
Conc: 9.79 ug/ml



#4 n-Dodecane (C12)

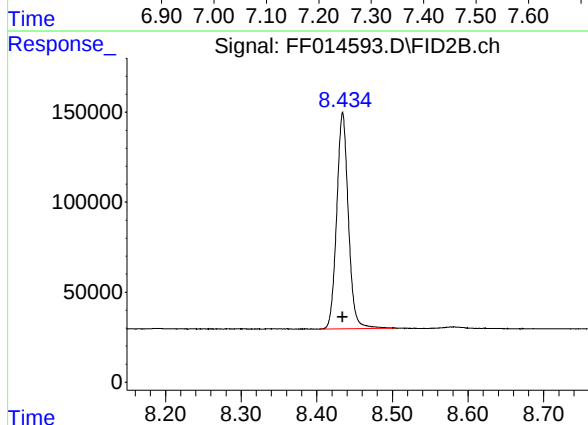
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 1303594
Conc: 10.30 ug/ml



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

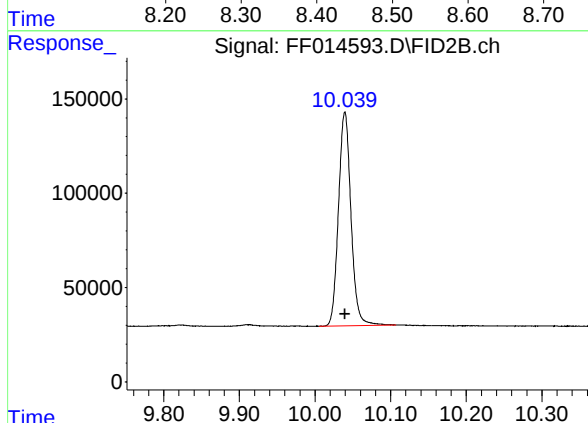
R.T.: 7.232 min
Delta R.T.: 0.001 min
Response: 1196696
Conc: 9.41 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



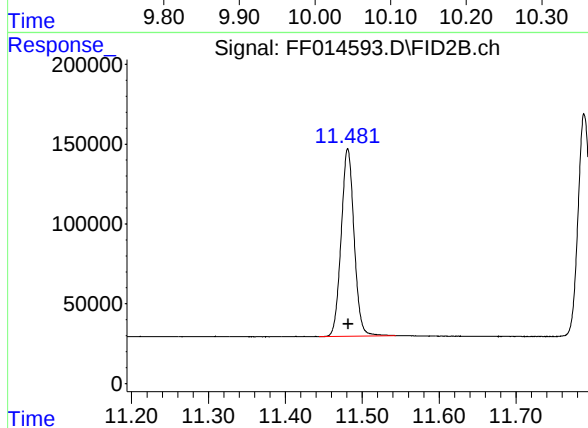
#6 n-Tetradecane (C14)

R.T.: 8.434 min
Delta R.T.: 0.000 min
Response: 1287686
Conc: 10.17 ug/ml



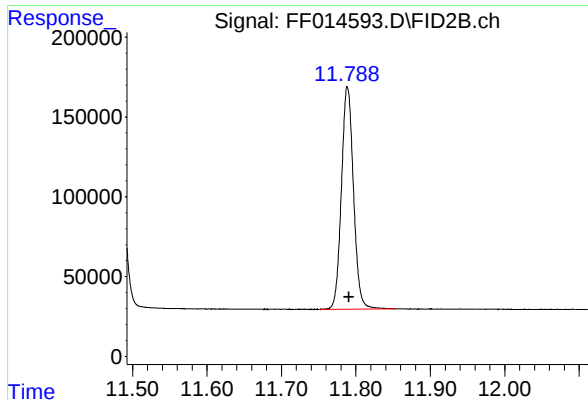
#7 n-Hexadecane (C16)

R.T.: 10.040 min
Delta R.T.: 0.000 min
Response: 1302175
Conc: 9.87 ug/ml



#8 n-Octadecane (C18)

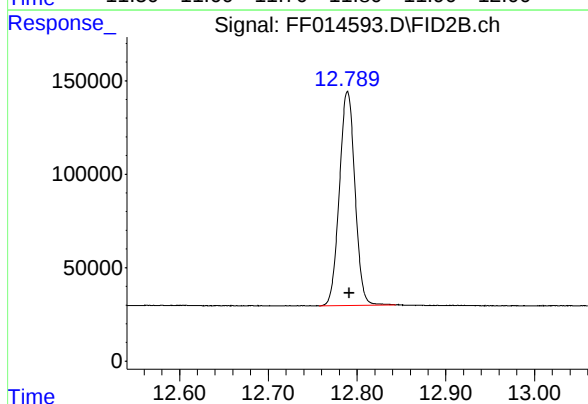
R.T.: 11.481 min
Delta R.T.: 0.000 min
Response: 1369580
Conc: 9.97 ug/ml



#9 ortho-Terphenyl (SURR)

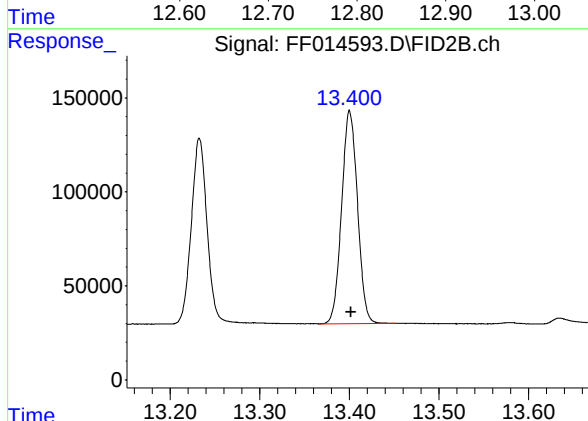
R.T.: 11.789 min
Delta R.T.: -0.002 min
Response: 1569539
Conc: 10.40 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



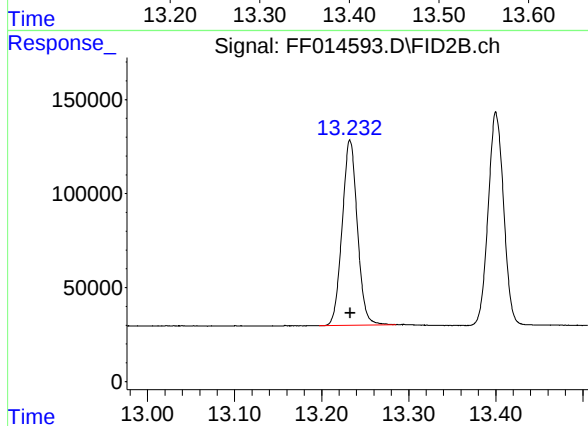
#10 n-Eicosane (C20)

R.T.: 12.789 min
Delta R.T.: -0.002 min
Response: 1394791
Conc: 10.23 ug/ml



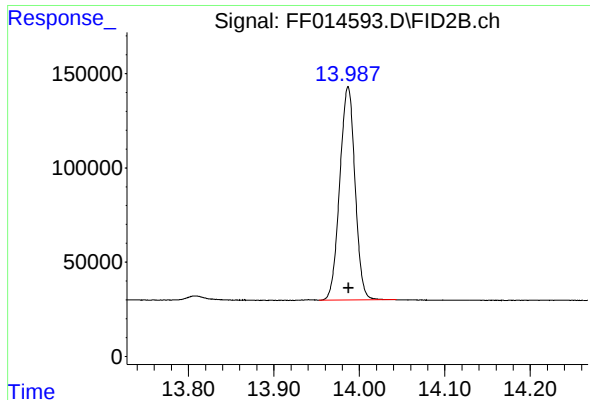
#11 n-Heneicosane (C21)

R.T.: 13.400 min
Delta R.T.: -0.002 min
Response: 1397516
Conc: 10.30 ug/ml



#12 1-chlorooctadecane (SURR)

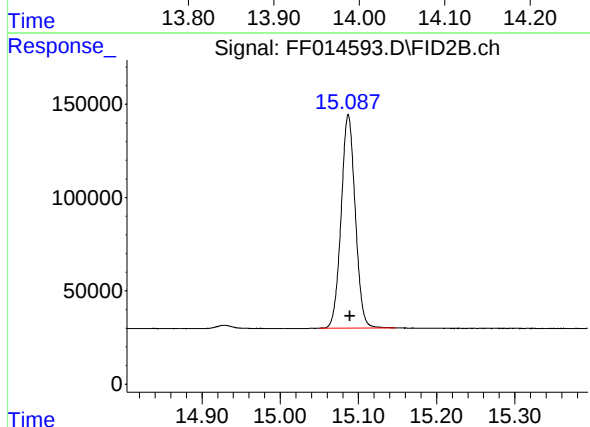
R.T.: 13.233 min
Delta R.T.: 0.000 min
Response: 1195854
Conc: 10.09 ug/ml



#13 n-Docosane (C22)

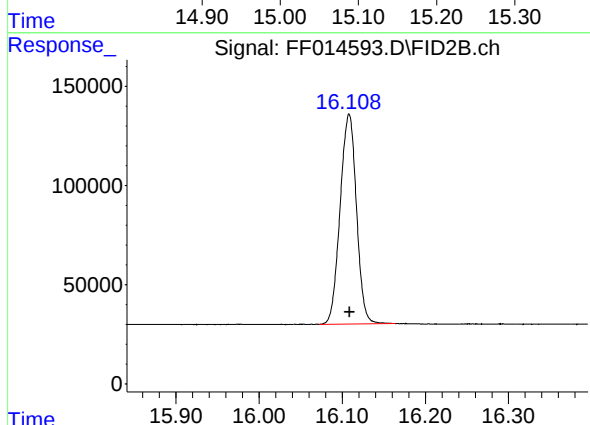
R.T.: 13.987 min
Delta R.T.: 0.000 min
Response: 1403728
Conc: 10.23 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



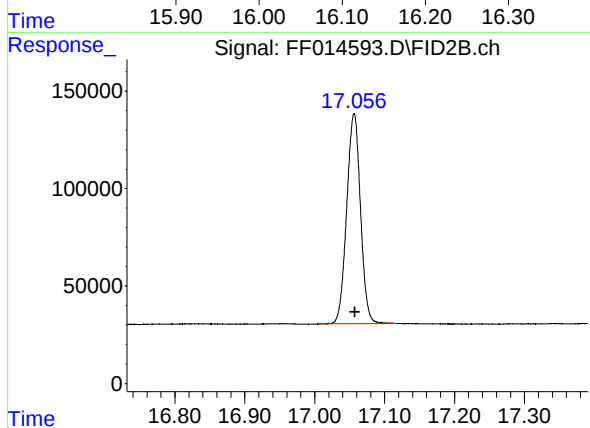
#14 n-Tetracosane (C24)

R.T.: 15.087 min
Delta R.T.: -0.002 min
Response: 1437085
Conc: 10.21 ug/ml



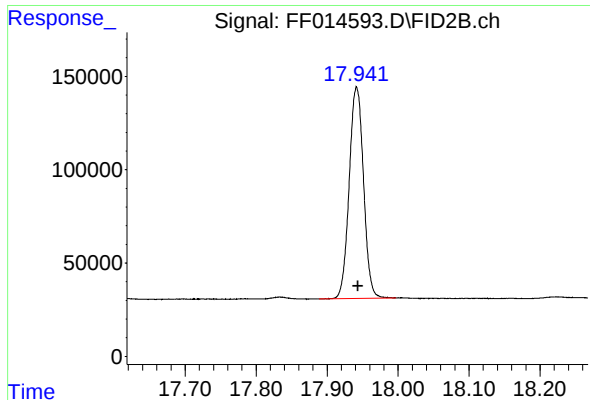
#15 n-Hexacosane (C26)

R.T.: 16.108 min
Delta R.T.: 0.000 min
Response: 1448058
Conc: 10.24 ug/ml



#16 n-Octacosane (C28)

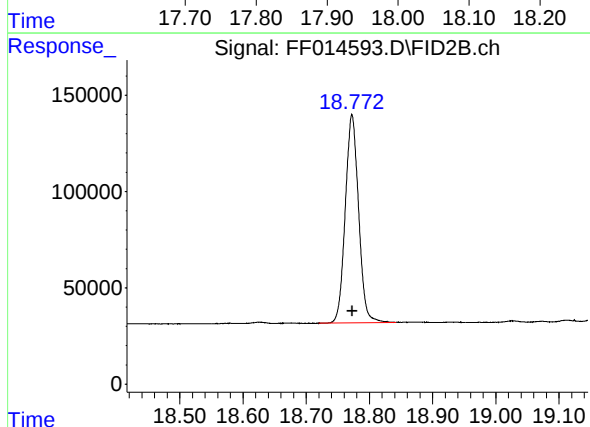
R.T.: 17.056 min
Delta R.T.: -0.001 min
Response: 1478698
Conc: 10.43 ug/ml



#17 n-Tricontane (C30)

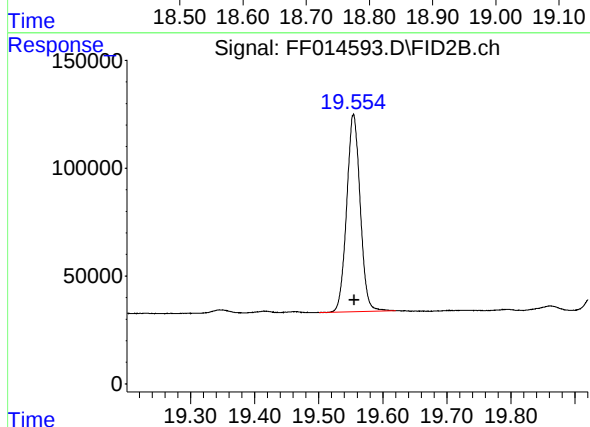
R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 1584773
Conc: 10.91 ug/ml

Instrument :
FID_F
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10 PPM ALIPHATIC HC STD4



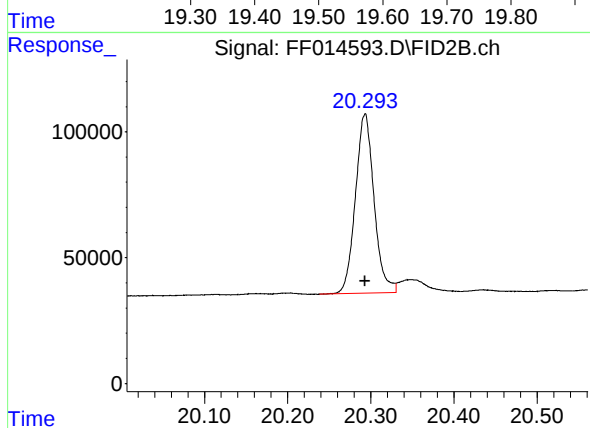
#18 n-Dotriacontane (C32)

R.T.: 18.773 min
Delta R.T.: 0.000 min
Response: 1585821
Conc: 11.34 ug/ml



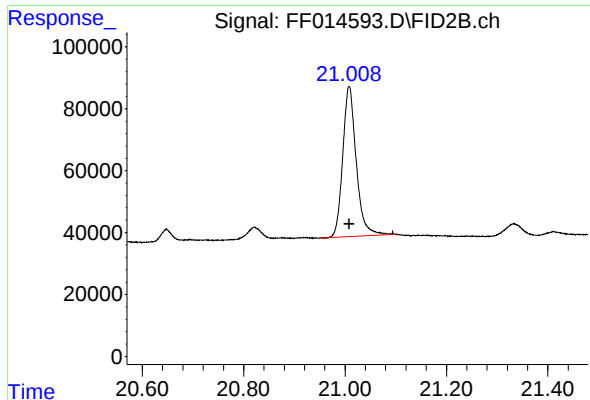
#19 n-Tetatriacontane (C34)

R.T.: 19.554 min
Delta R.T.: -0.001 min
Response: 1336092
Conc: 11.22 ug/ml



#20 n-Hexatriacontane (C36)

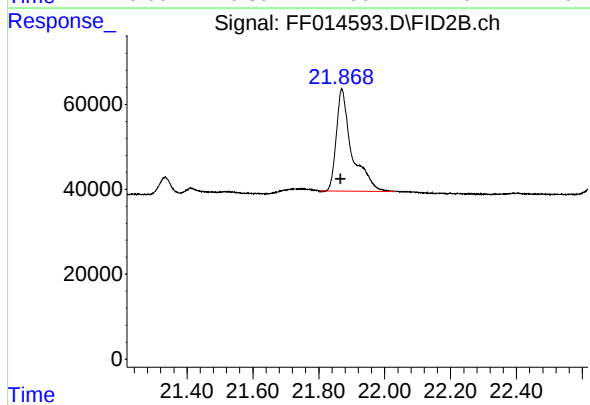
R.T.: 20.293 min
Delta R.T.: 0.000 min
Response: 1109576
Conc: 11.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.008 min
Delta R.T.: 0.000 min
Response: 896101
Conc: 10.21 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM ALIPHATIC HC STD4



#22 n-Tetracontane (C40)

R.T.: 21.870 min
Delta R.T.: 0.003 min
Response: 788562
Conc: 9.98 ug/ml