

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091523AL\
 Data File : FC064576.D
 Signal(s) : FID1A.ch
 Acq On : 14 Sep 2023 17:48
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Sep 14 19:34:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 14 19:27:32 2023
 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)	11.508	9781990	49.842 ug/ml
Spiked Amount 50.000		Recovery =	99.68%
12) S 1-chlorooctadecane (S...	12.940	7076926	49.868 ug/ml
Spiked Amount 50.000		Recovery =	99.74%
Target Compounds			
1) T n-Nonane (C9)	3.302	8616476	49.815 ug/ml
2) T n-Decane (C10)	4.362	8809907	49.890 ug/ml
3) T A~Naphthalene (C11.7)	5.939	9558638	50.163 ug/ml
4) T n-Dodecane (C12)	6.372	8887766	49.972 ug/ml
5) T A~2-methylnaphthalene...	6.993	9173735	50.271 ug/ml
6) T n-Tetradecane (C14)	8.161	8693644	49.952 ug/ml
7) T n-Hexadecane (C16)	9.758	8844439	50.087 ug/ml
8) T n-Octadecane (C18)	11.196	8773509	49.880 ug/ml
10) T n-Eicosane (C20)	12.499	8226933	49.901 ug/ml
11) T n-Heneicosane (C21)	13.108	7995122	49.882 ug/ml
13) T n-Docosane (C22)	13.692	7827938	49.788 ug/ml
14) T n-Tetracosane (C24)	14.790	7573731	49.660 ug/ml
15) T n-Hexacosane (C26)	15.807	7253395	49.548 ug/ml
16) T n-Octacosane (C28)	16.754	6938530	49.292 ug/ml
17) T n-Tricontane (C30)	17.637	6888164	49.048 ug/ml
18) T n-Dotriacontane (C32)	18.468	6682784	48.826 ug/ml
19) T n-Tetratriacontane (C34)	19.246	6545681	48.762 ug/ml
20) T n-Hexatriacontane (C36)	19.984	6385572	48.798 ug/ml
21) T n-Octatriacontane (C38)	20.705	6387764	48.816 ug/ml
22) T n-Tetracontane (C40)	21.583	6361713	48.819 ug/ml

(f)=RT Delta > 1/2 Window

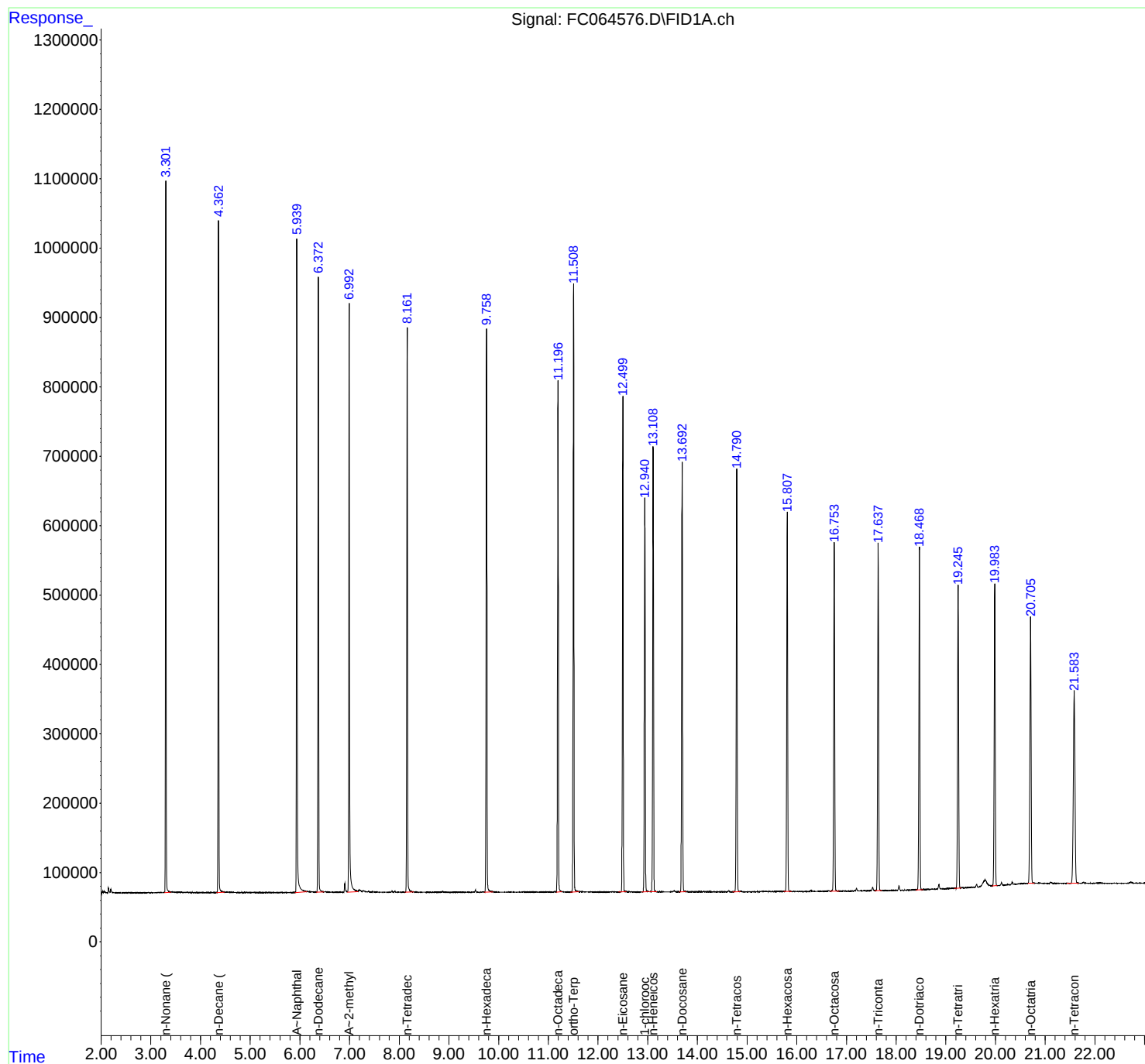
(m)=manual int.

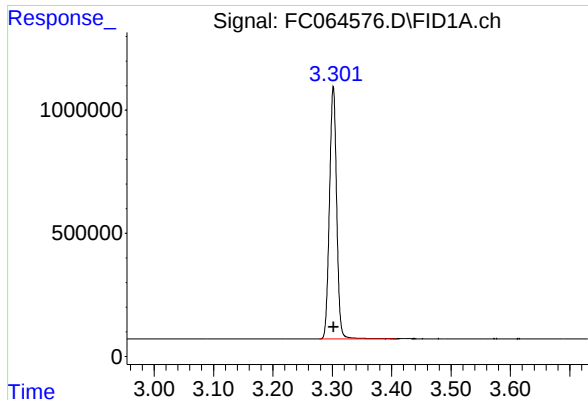
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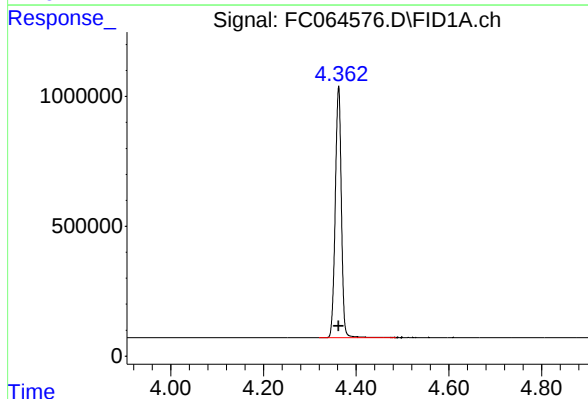




#1 n-Nonane (C9)

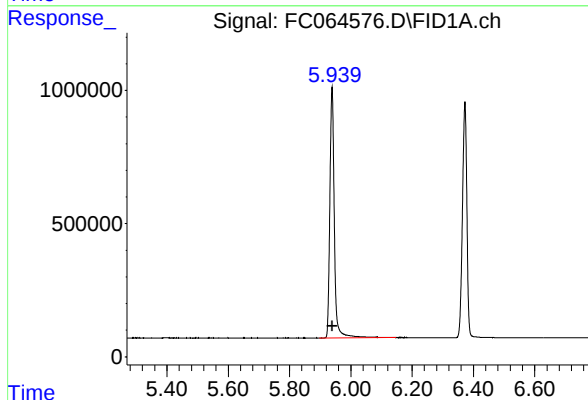
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 8616476
Conc: 49.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



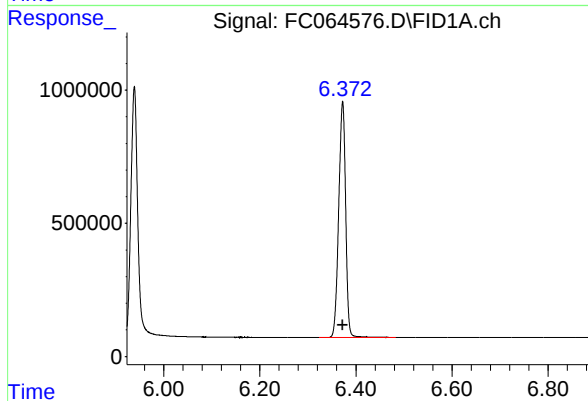
#2 n-Decane (C10)

R.T.: 4.362 min
Delta R.T.: 0.000 min
Response: 8809907
Conc: 49.89 ug/ml



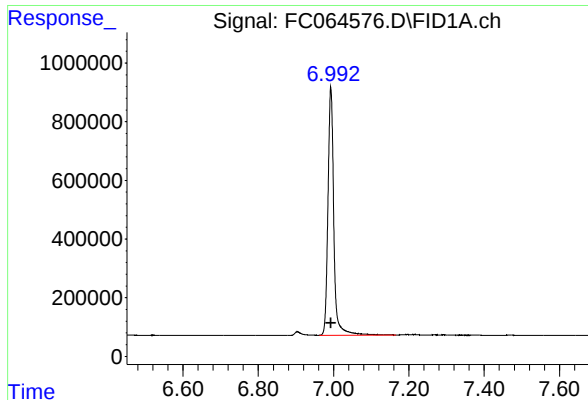
#3 A~Naphthalene (C11.7)

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 9558638
Conc: 50.16 ug/ml



#4 n-Dodecane (C12)

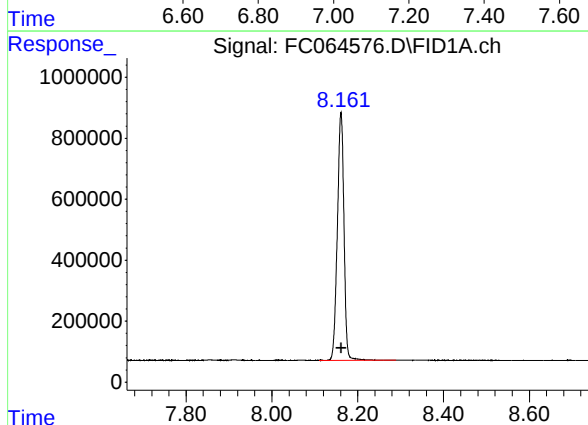
R.T.: 6.372 min
Delta R.T.: 0.000 min
Response: 8887766
Conc: 49.97 ug/ml



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

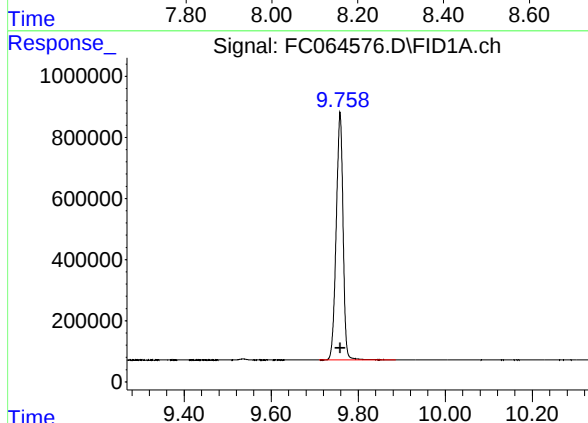
R.T.: 6.993 min
Delta R.T.: 0.000 min
Response: 9173735
Conc: 50.27 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



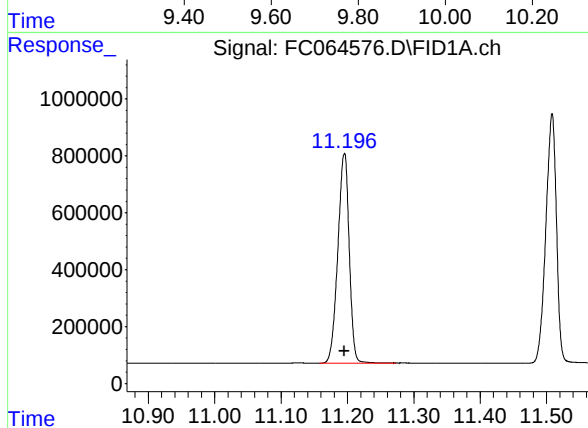
#6 n-Tetradecane (C14)

R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 8693644
Conc: 49.95 ug/ml



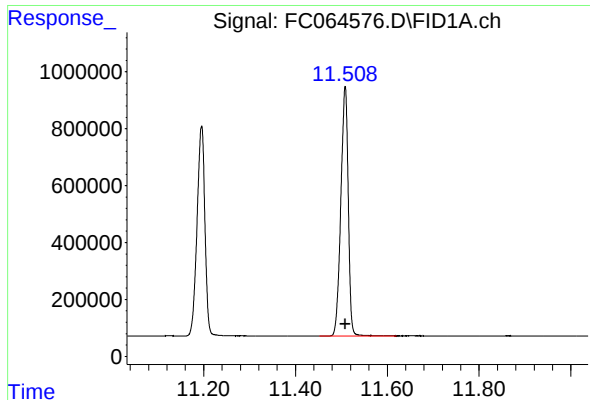
#7 n-Hexadecane (C16)

R.T.: 9.758 min
Delta R.T.: 0.000 min
Response: 8844439
Conc: 50.09 ug/ml



#8 n-Octadecane (C18)

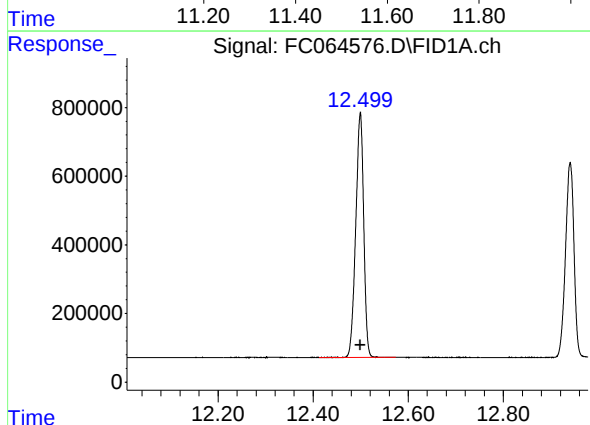
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 8773509
Conc: 49.88 ug/ml



#9 ortho-Terphenyl (SURR)

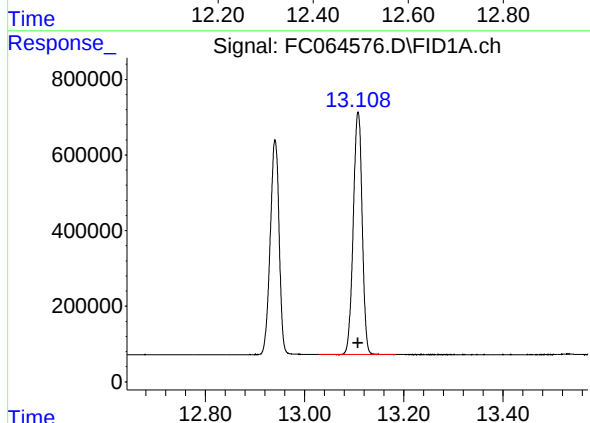
R.T.: 11.508 min
Delta R.T.: 0.000 min
Response: 9781990
Conc: 49.84 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



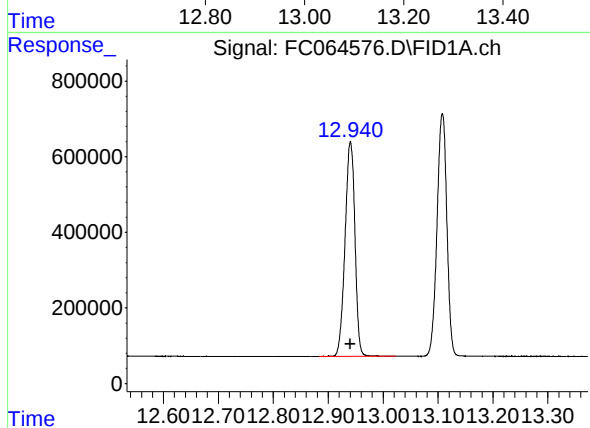
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: 0.000 min
Response: 8226933
Conc: 49.90 ug/ml



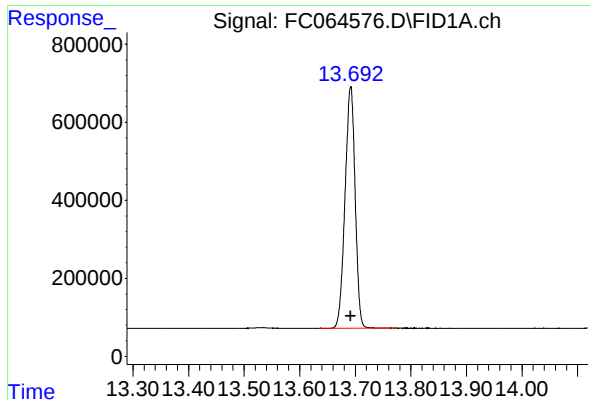
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: 0.000 min
Response: 7995122
Conc: 49.88 ug/ml



#12 1-chlorooctadecane (SURR)

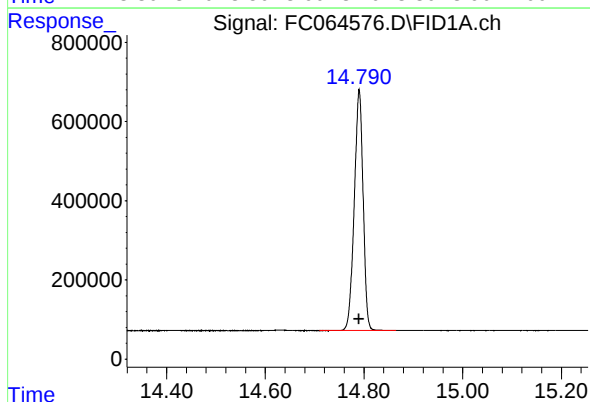
R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 7076926
Conc: 49.87 ug/ml



#13 n-Docosane (C22)

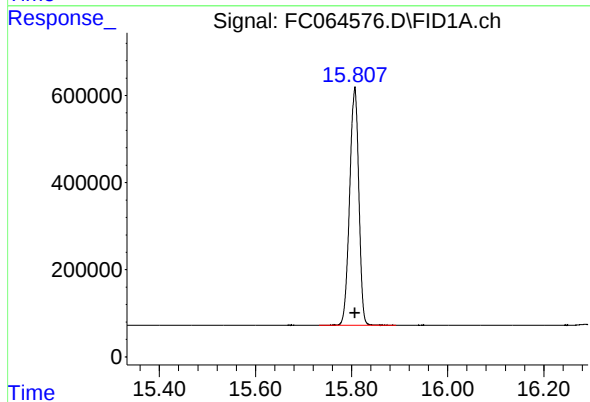
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 7827938
Conc: 49.79 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



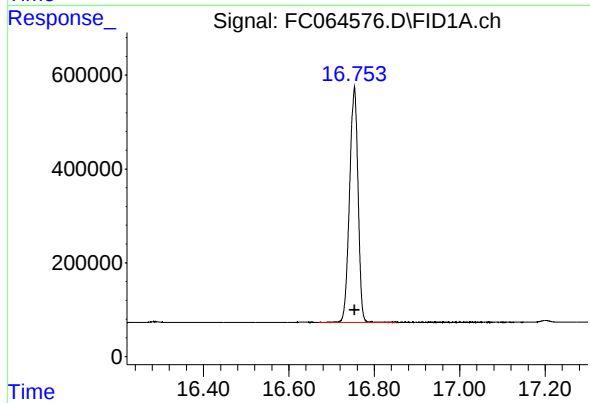
#14 n-Tetracosane (C24)

R.T.: 14.790 min
Delta R.T.: 0.000 min
Response: 7573731
Conc: 49.66 ug/ml



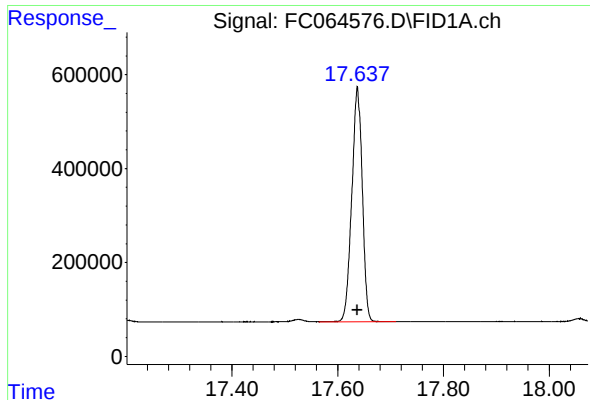
#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: 0.000 min
Response: 7253395
Conc: 49.55 ug/ml



#16 n-Octacosane (C28)

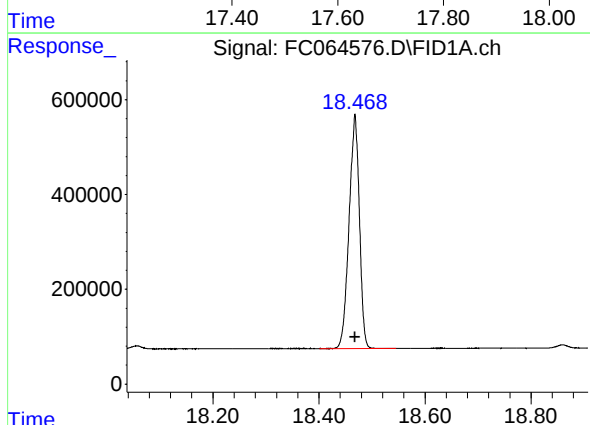
R.T.: 16.754 min
Delta R.T.: 0.000 min
Response: 6938530
Conc: 49.29 ug/ml



#17 n-Tricontane (C30)

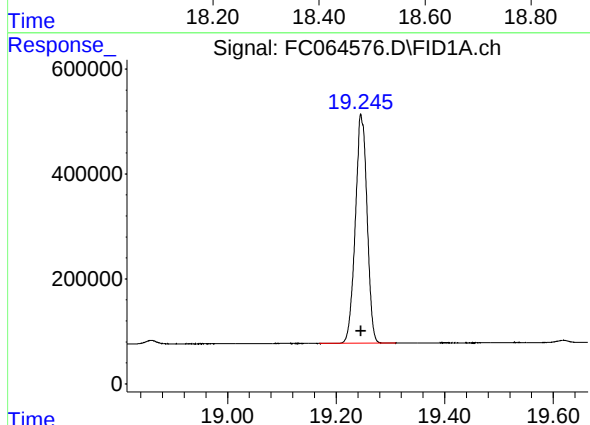
R.T.: 17.637 min
Delta R.T.: 0.000 min
Response: 6888164
Conc: 49.05 ug/ml

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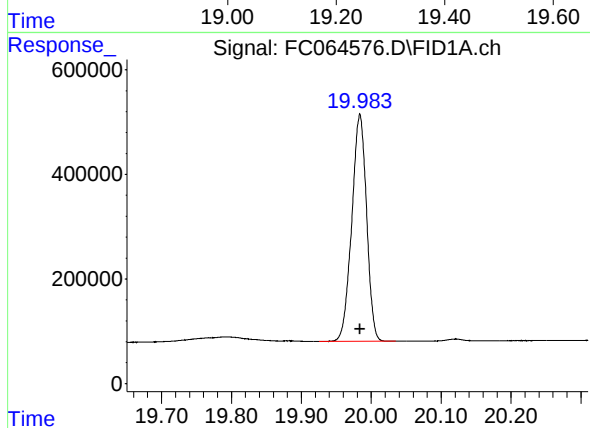
#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: 0.000 min
Response: 6682784
Conc: 48.83 ug/ml



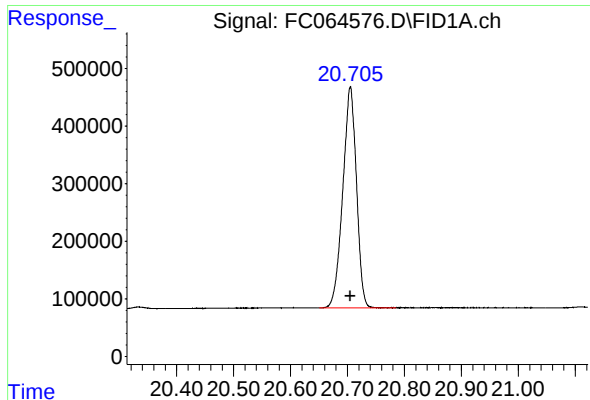
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: 0.000 min
Response: 6545681
Conc: 48.76 ug/ml



#20 n-Hexatriacontane (C36)

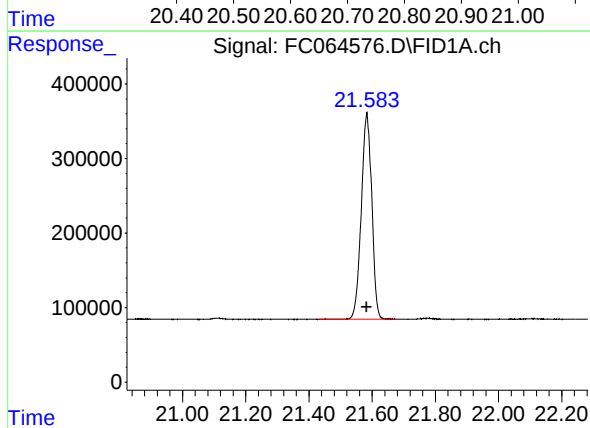
R.T.: 19.984 min
Delta R.T.: 0.000 min
Response: 6385572
Conc: 48.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.705 min
Delta R.T.: 0.000 min
Response: 6387764
Conc: 48.82 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.583 min
Delta R.T.: 0.000 min
Response: 6361713
Conc: 48.82 ug/ml