

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013176.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 14:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 16:06:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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)	11.892	2649021	19.280 ug/ml
Spiked Amount 50.000		Recovery =	38.56%
12) S 1-chlorooctadecane (S...	13.331	2016233	19.240 ug/ml
Spiked Amount 50.000		Recovery =	38.48%
Target Compounds			
1) T n-Nonane (C9)	3.286	2059318	19.273 ug/ml
2) T n-Decane (C10)	4.539	2065039	19.270 ug/ml
3) T A~Naphthalene (C11.7)	6.236	2278954	19.250 ug/ml
4) T n-Dodecane (C12)	6.703	2083169	19.252 ug/ml
5) T A~2-methylnaphthalene...	7.330	2283490	19.265 ug/ml
6) T n-Tetradecane (C14)	8.528	2080712	19.276 ug/ml
7) T n-Hexadecane (C16)	10.135	2093270	19.311 ug/ml
8) T n-Octadecane (C18)	11.578	2116425	19.328 ug/ml
10) T n-Eicosane (C20)	12.887	2111539	19.243 ug/ml
11) T n-Heneicosane (C21)	13.499	2111268	19.217 ug/ml
13) T n-Docosane (C22)	14.085	2107321	19.194 ug/ml
14) T n-Tetracosane (C24)	15.188	2098912	19.104 ug/ml
15) T n-Hexacosane (C26)	16.208	2079690	19.029 ug/ml
16) T n-Octacosane (C28)	17.157	2046282	18.952 ug/ml
17) T n-Tricontane (C30)	18.044	2052345	18.767 ug/ml
18) T n-Dotriacontane (C32)	18.875	2096050	18.556 ug/ml
19) T n-Tetratriacontane (C34)	19.657	1976337	18.606 ug/ml
20) T n-Hexatriacontane (C36)	20.395	1957477	18.571 ug/mlm
21) T n-Octatriacontane (C38)	21.125	1884955	18.663 ug/ml
22) T n-Tetracontane (C40)	22.024	1868899	18.804 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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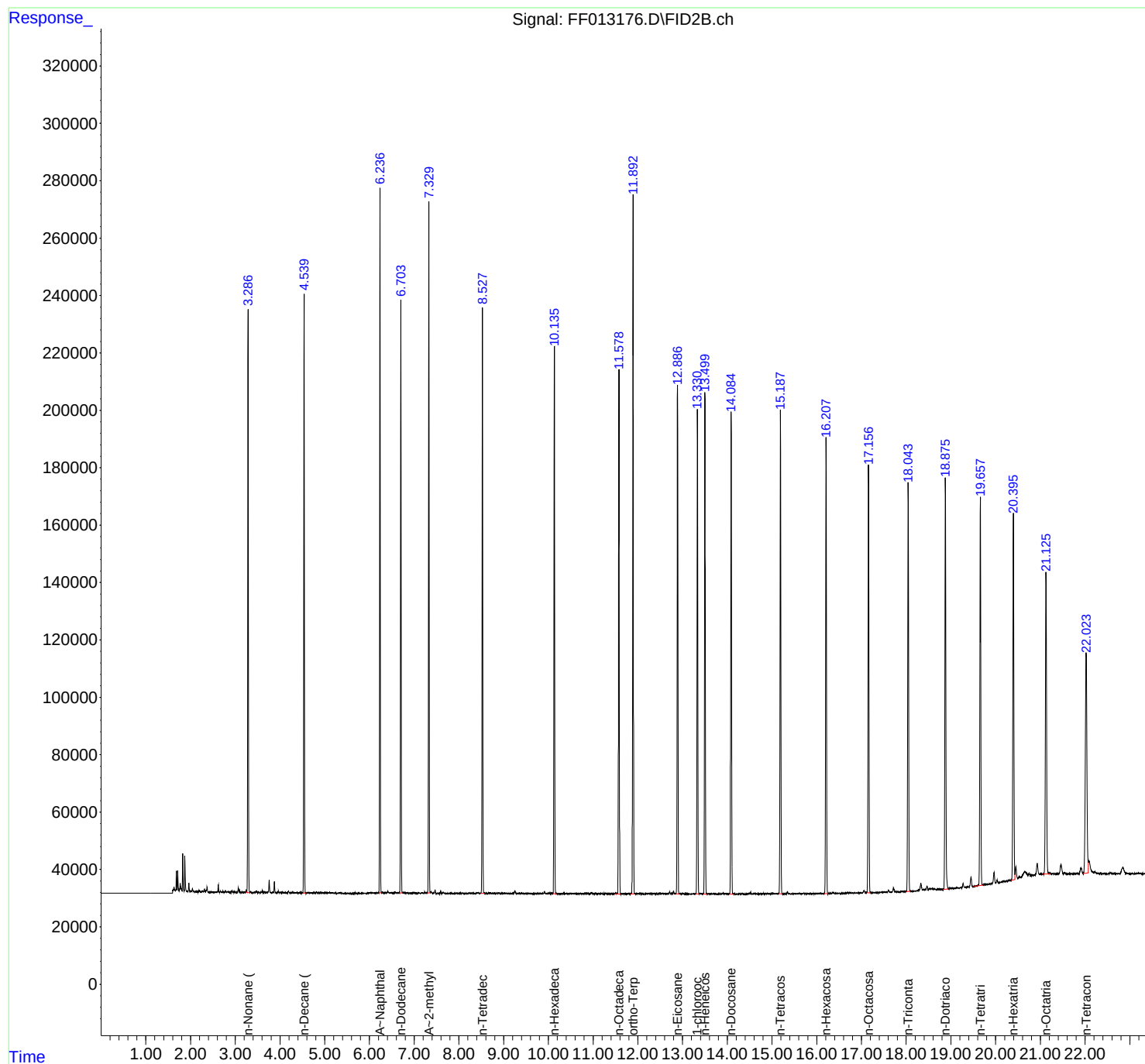
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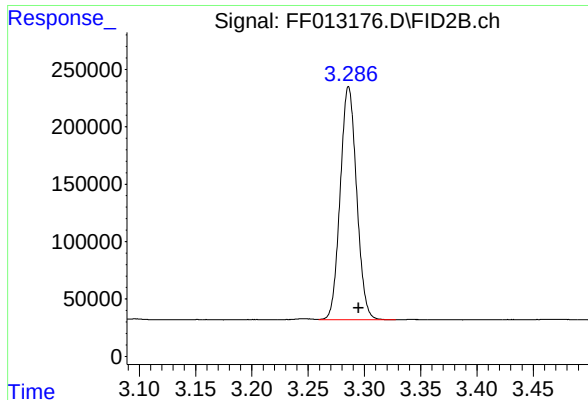
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#1 n-Nonane (C9)

R.T.: 3.286 min
Delta R.T.: -0.009 min
Response: 2059318
Conc: 19.27 ug/ml

Instrument :

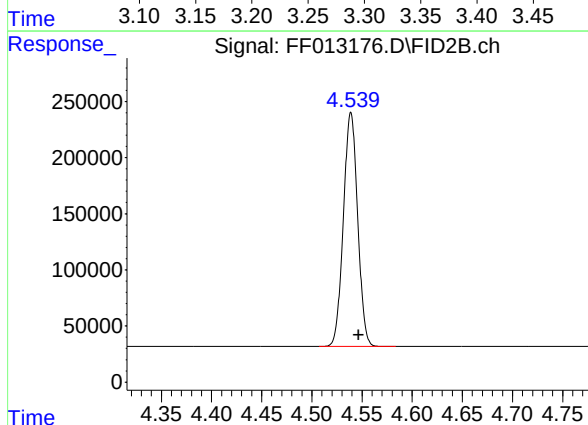
FID_F

ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

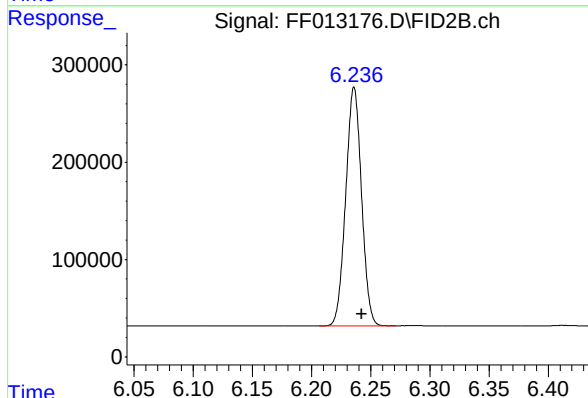
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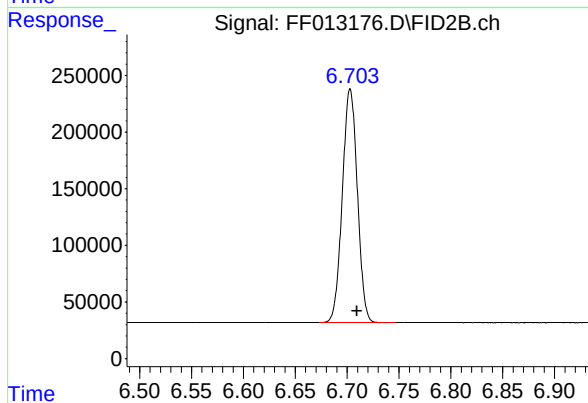
#2 n-Decane (C10)

R.T.: 4.539 min
Delta R.T.: -0.008 min
Response: 2065039
Conc: 19.27 ug/ml



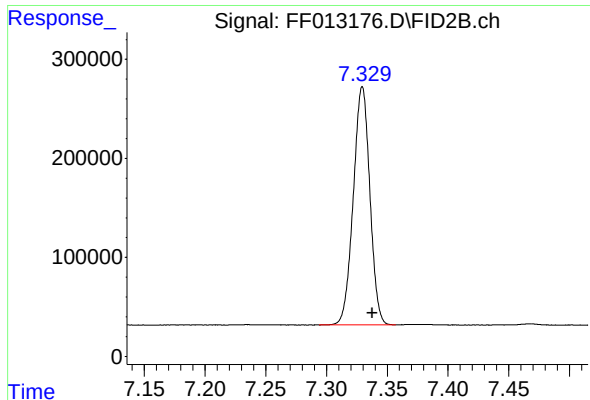
#3 A~Naphthalene (C11.7)

R.T.: 6.236 min
Delta R.T.: -0.006 min
Response: 2278954
Conc: 19.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 2083169
Conc: 19.25 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.008 min
Response: 2283490
Conc: 19.26 ug/ml

Instrument :

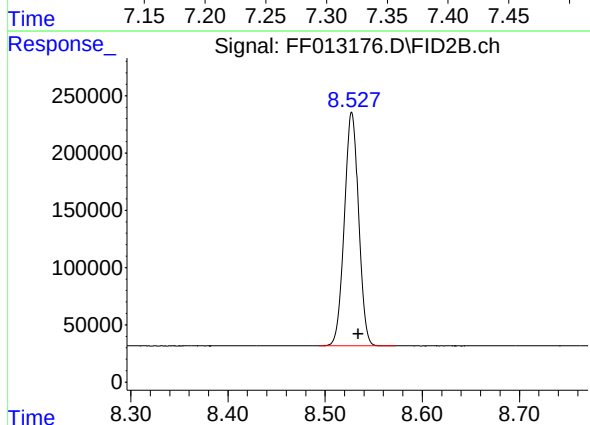
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ClientSampleId :

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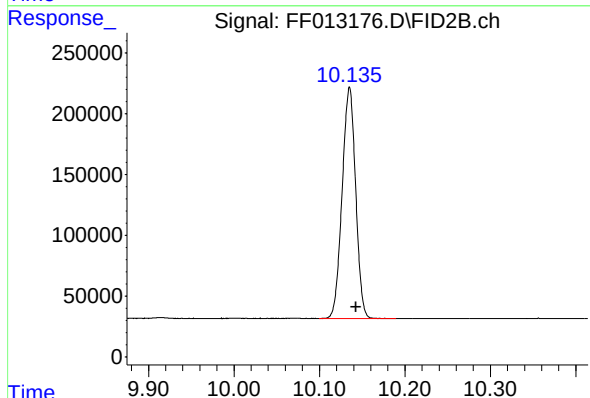
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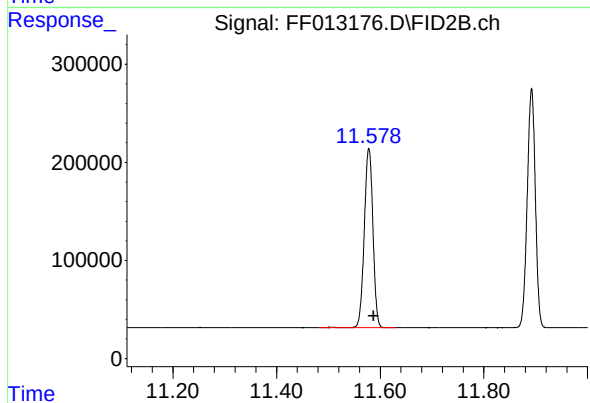
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.007 min
Response: 2080712
Conc: 19.28 ug/ml



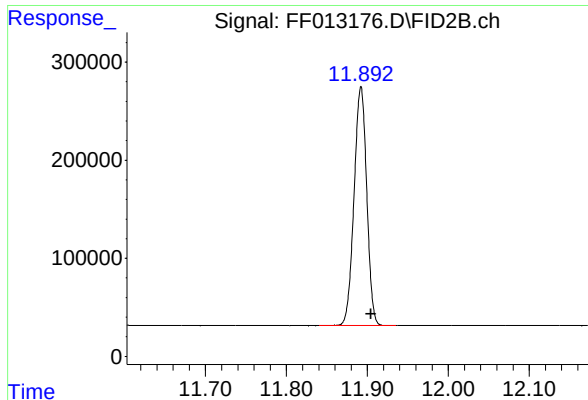
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.007 min
Response: 2093270
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.578 min
Delta R.T.: -0.009 min
Response: 2116425
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.012 min
Response: 2649021
Conc: 19.28 ug/ml

Instrument :

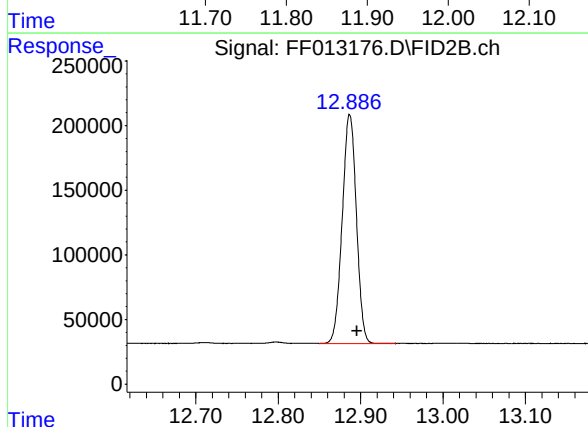
FID_F

ClientSampleId :

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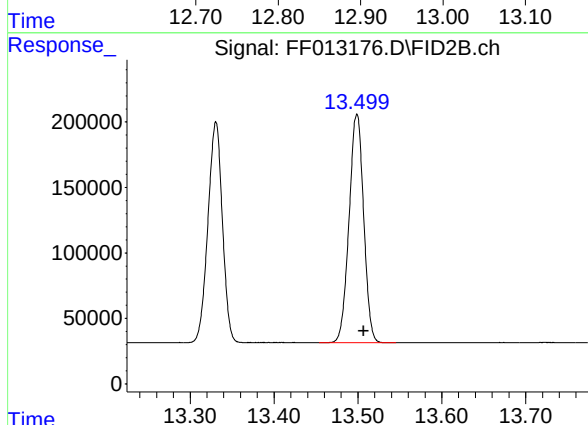
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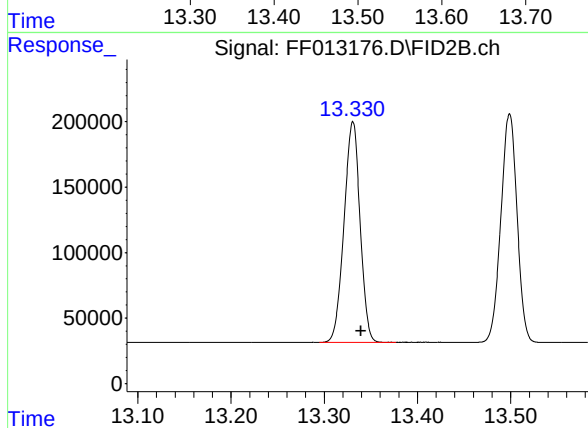
#10 n-Eicosane (C20)

R.T.: 12.887 min
Delta R.T.: -0.009 min
Response: 2111539
Conc: 19.24 ug/ml



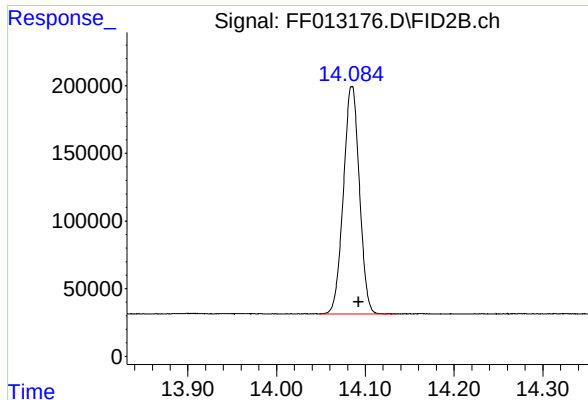
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.008 min
Response: 2111268
Conc: 19.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: -0.008 min
Response: 2016233
Conc: 19.24 ug/ml



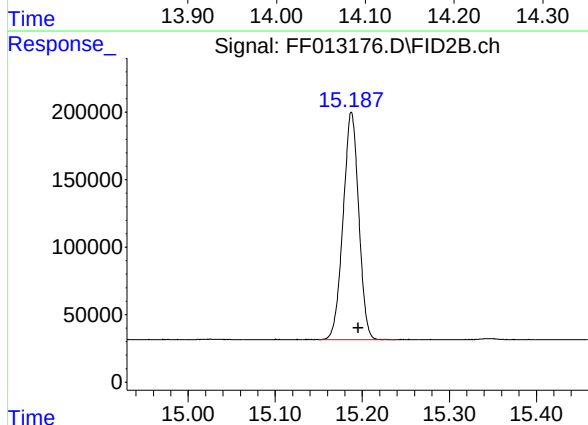
#13 n-Docosane (C22)

R.T.: 14.085 min
Delta R.T.: -0.008 min
Response: 2107321
Conc: 19.19 ug/ml

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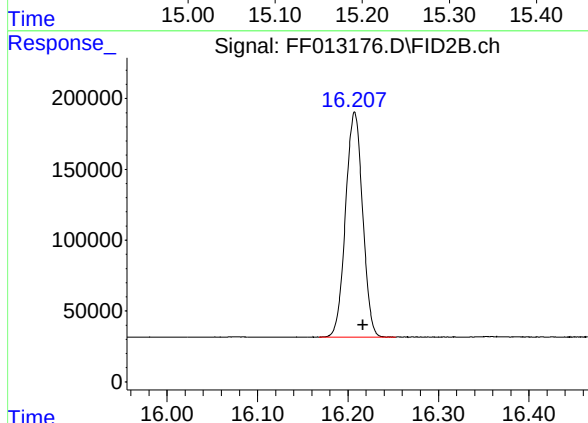
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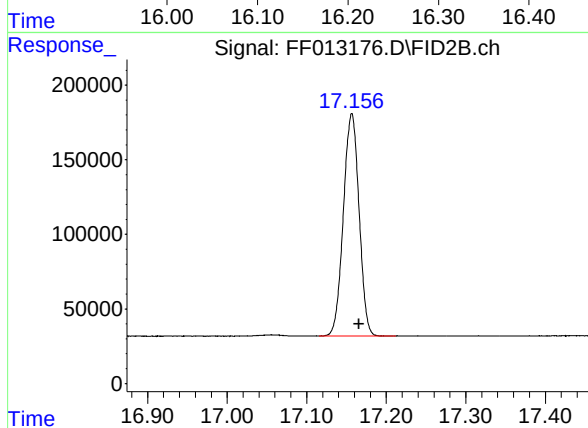
#14 n-Tetracosane (C24)

R.T.: 15.188 min
Delta R.T.: -0.008 min
Response: 2098912
Conc: 19.10 ug/ml



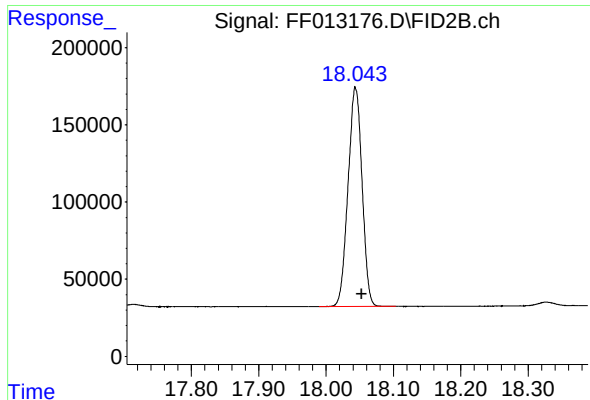
#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: -0.009 min
Response: 2079690
Conc: 19.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2046282
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.044 min
Delta R.T.: -0.009 min
Response: 2052345
Conc: 18.77 ug/ml

Instrument :

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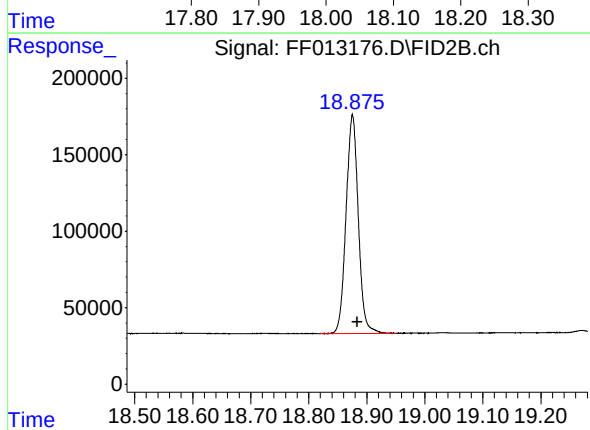
ClientSampleId :

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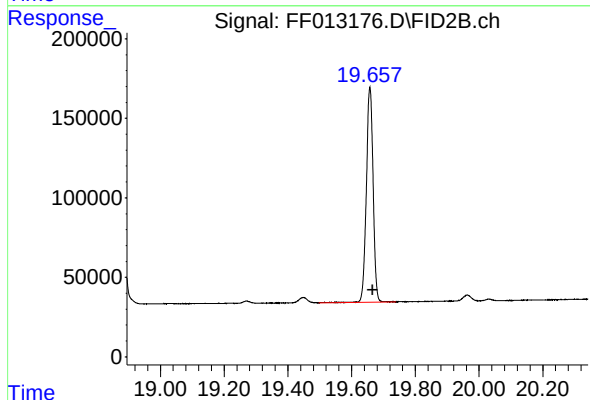
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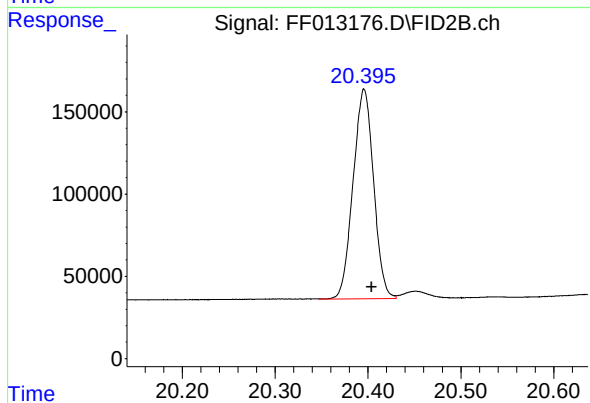
#18 n-Dotriacontane (C32)

R.T.: 18.875 min
Delta R.T.: -0.008 min
Response: 2096050
Conc: 18.56 ug/ml



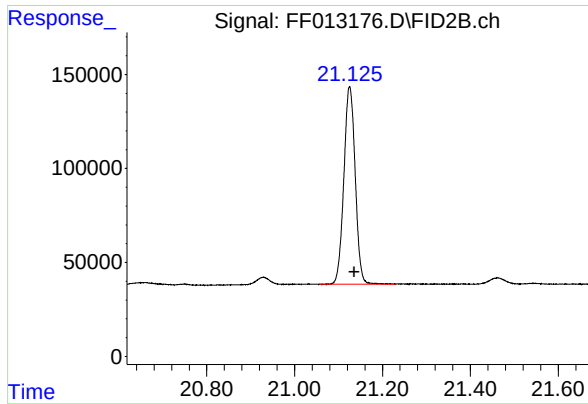
#19 n-Tetatriacontane (C34)

R.T.: 19.657 min
Delta R.T.: -0.008 min
Response: 1976337
Conc: 18.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.395 min
Delta R.T.: -0.009 min
Response: 1957477
Conc: 18.57 ug/ml m



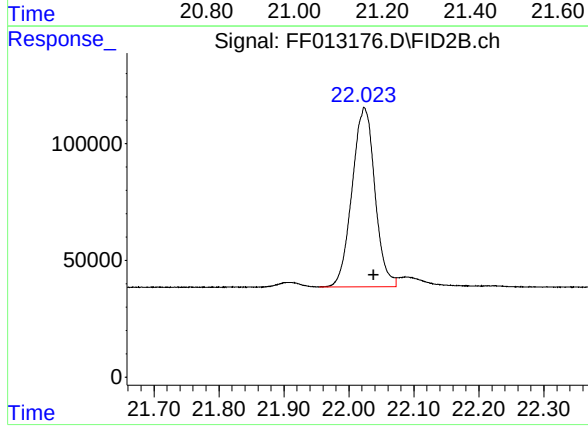
#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: -0.011 min
Response: 1884955
Conc: 18.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.024 min
Delta R.T.: -0.014 min
Response: 1868899
Conc: 18.80 ug/ml