

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF082423AL\
 Data File : FF013358.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2023 23:32
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 25 01:43:14 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)	11.891	2776006	20.205 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
12) S 1-chlorooctadecane (S...	13.329	2145024	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
Target Compounds			
1) T n-Nonane (C9)	3.281	2119728	19.838 ug/ml
2) T n-Decane (C10)	4.534	2126455	19.843 ug/ml
3) T A~Naphthalene (C11.7)	6.233	2360821	19.941 ug/ml
4) T n-Dodecane (C12)	6.699	2166323	20.020 ug/ml
5) T A~2-methylnaphthalene...	7.328	2369221	19.988 ug/ml
6) T n-Tetradecane (C14)	8.524	2177704	20.174 ug/ml
7) T n-Hexadecane (C16)	10.132	2209816	20.386 ug/ml
8) T n-Octadecane (C18)	11.575	2243522	20.489 ug/ml
10) T n-Eicosane (C20)	12.885	2259075	20.587 ug/ml
11) T n-Heneicosane (C21)	13.497	2247890	20.460 ug/ml
13) T n-Docosane (C22)	14.082	2269173	20.669 ug/ml
14) T n-Tetracosane (C24)	15.186	2306455	20.993 ug/ml
15) T n-Hexacosane (C26)	16.207	2267055	20.743 ug/ml
16) T n-Octacosane (C28)	17.157	2249222	20.832 ug/ml
17) T n-Tricontane (C30)	18.043	2289638	20.937 ug/ml
18) T n-Dotriacontane (C32)	18.876	2265581	20.057 ug/ml
19) T n-Tetratriacontane (C34)	19.658	2059913	19.393 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2020430	19.169 ug/ml
21) T n-Octatriacontane (C38)	21.126	1957617	19.382 ug/ml
22) T n-Tetracontane (C40)	22.020	2040575	20.531 ug/ml

(f)=RT Delta > 1/2 Window

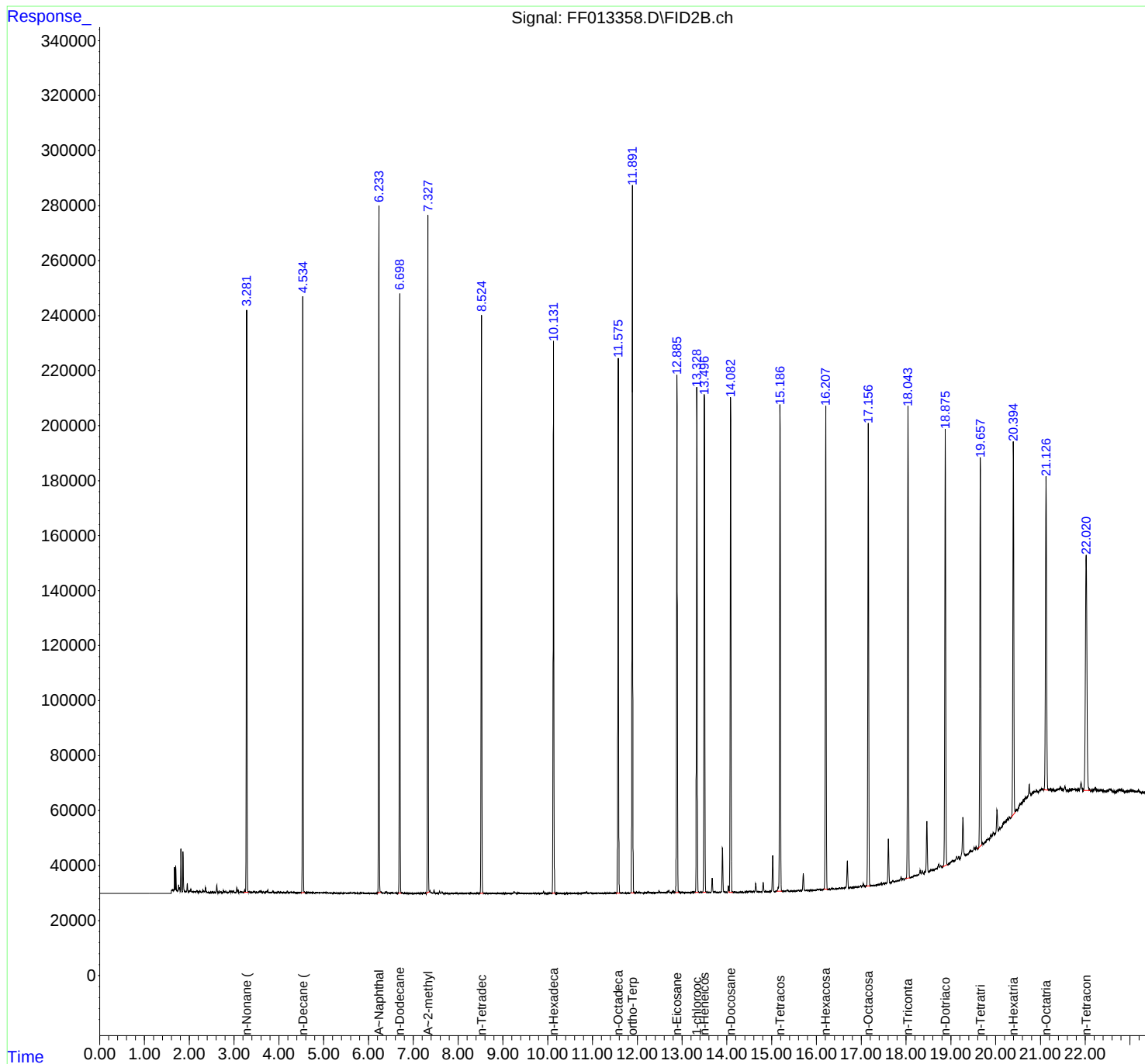
(m)=manual int.

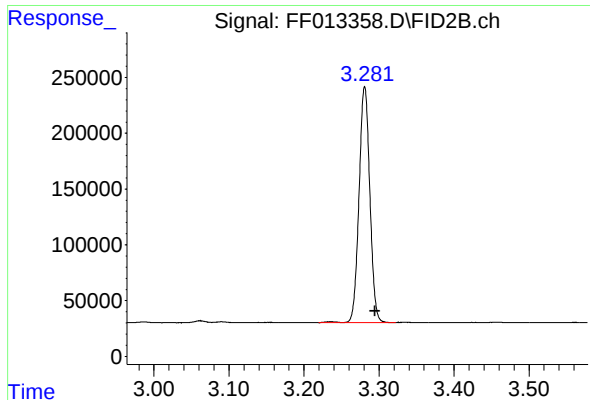
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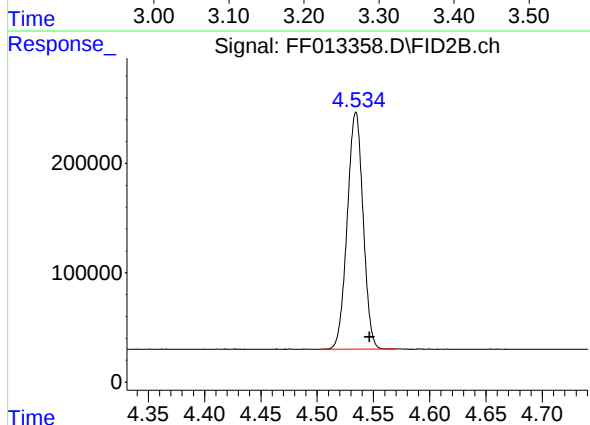




#1 n-Nonane (C9)

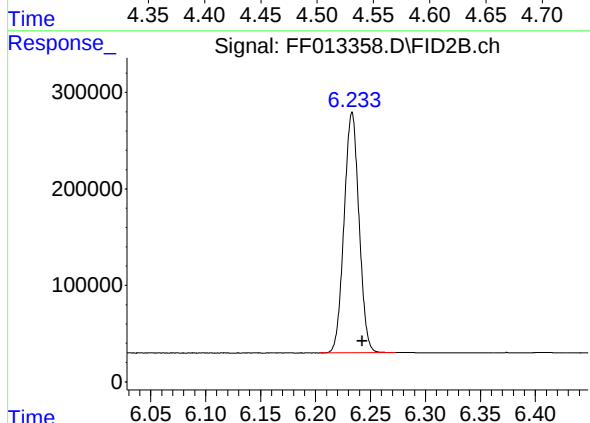
R.T.: 3.281 min
Delta R.T.: -0.014 min
Response: 2119728
Conc: 19.84 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



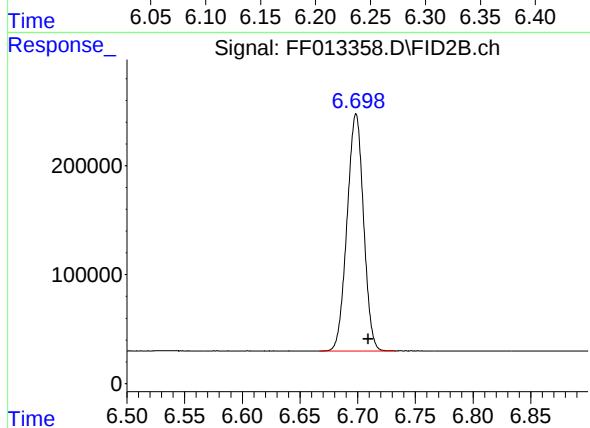
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.012 min
Response: 2126455
Conc: 19.84 ug/ml



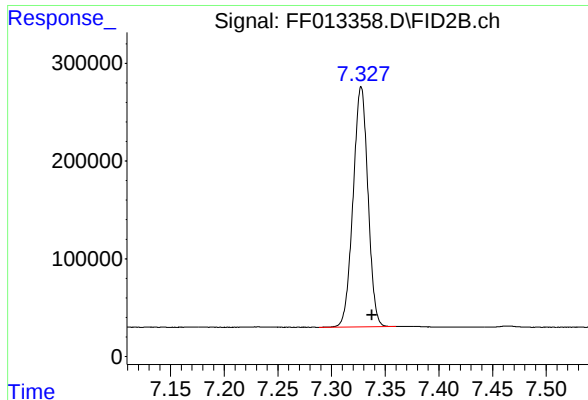
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 2360821
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

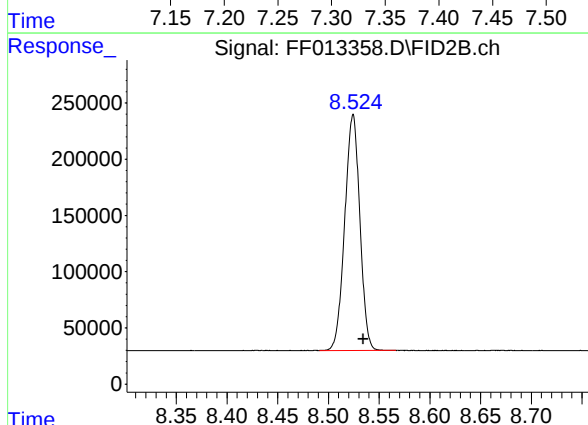
R.T.: 6.699 min
Delta R.T.: -0.011 min
Response: 2166323
Conc: 20.02 ug/ml



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

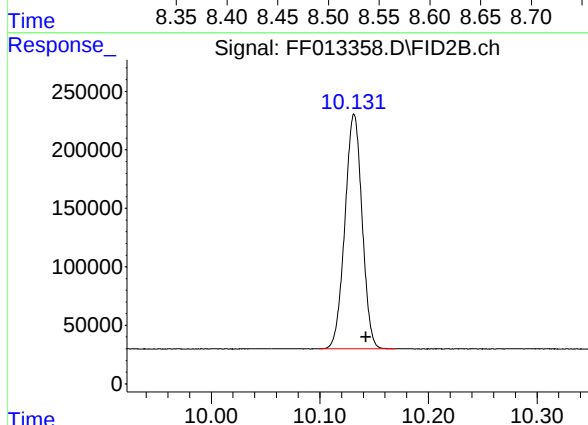
R.T.: 7.328 min
Delta R.T.: -0.010 min
Response: 2369221
Conc: 19.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



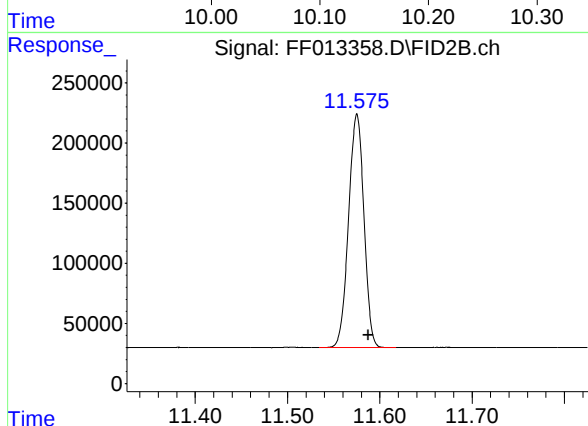
#6 n-Tetradecane (C14)

R.T.: 8.524 min
Delta R.T.: -0.010 min
Response: 2177704
Conc: 20.17 ug/ml



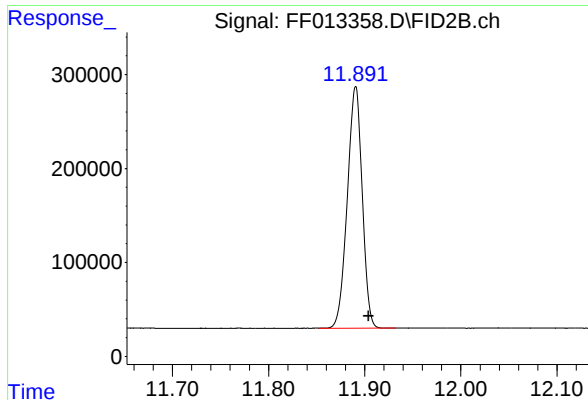
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.011 min
Response: 2209816
Conc: 20.39 ug/ml



#8 n-Octadecane (C18)

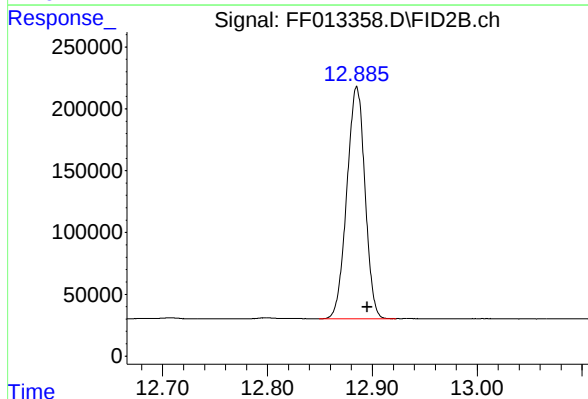
R.T.: 11.575 min
Delta R.T.: -0.012 min
Response: 2243522
Conc: 20.49 ug/ml



#9 ortho-Terphenyl (SURR)

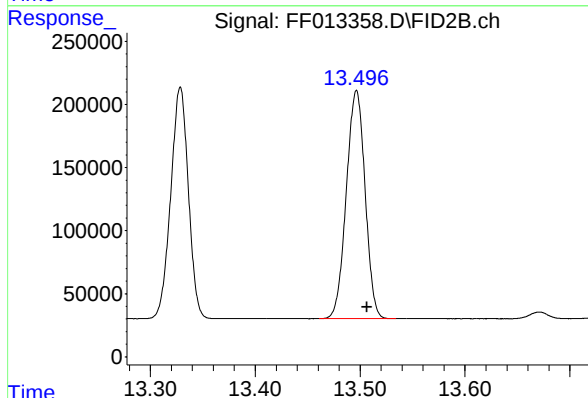
R.T.: 11.891 min
Delta R.T.: -0.014 min
Response: 2776006
Conc: 20.20 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



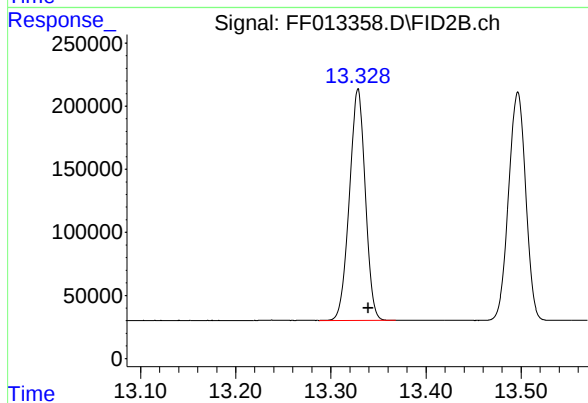
#10 n-Eicosane (C20)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 2259075
Conc: 20.59 ug/ml



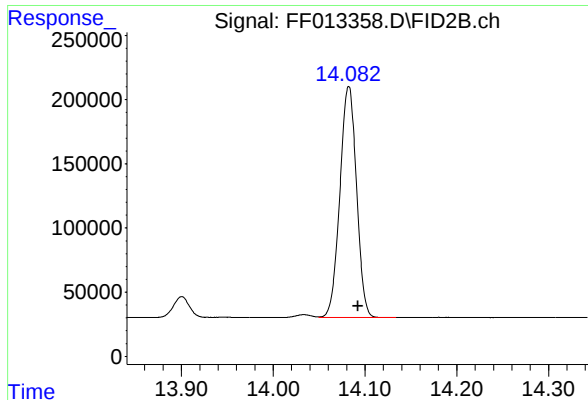
#11 n-Heneicosane (C21)

R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 2247890
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

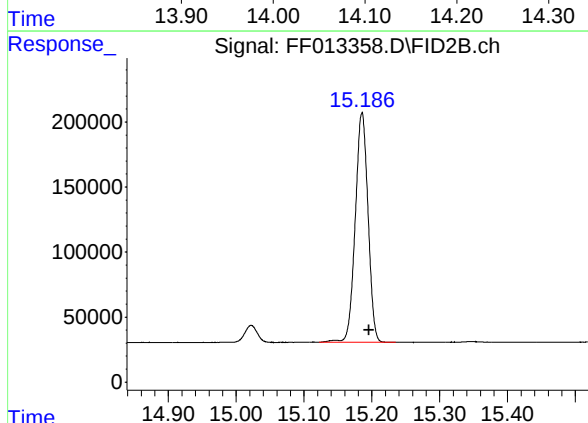
R.T.: 13.329 min
Delta R.T.: -0.011 min
Response: 2145024
Conc: 20.47 ug/ml



#13 n-Docosane (C22)

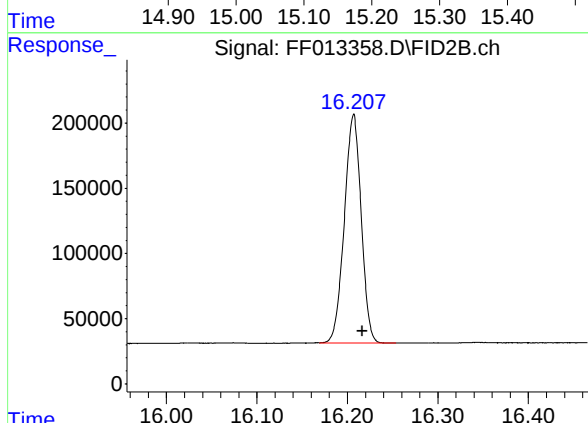
R.T.: 14.082 min
Delta R.T.: -0.010 min
Response: 2269173
Conc: 20.67 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



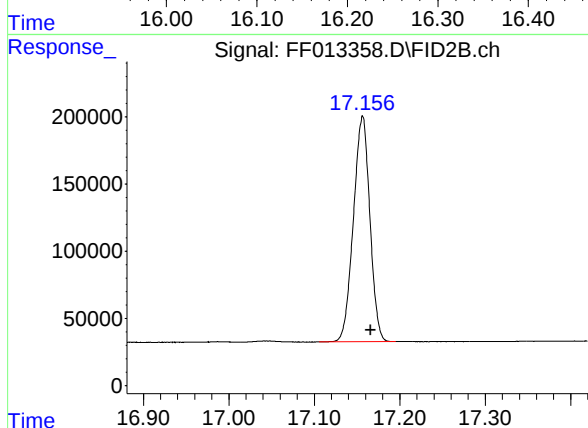
#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 2306455
Conc: 20.99 ug/ml



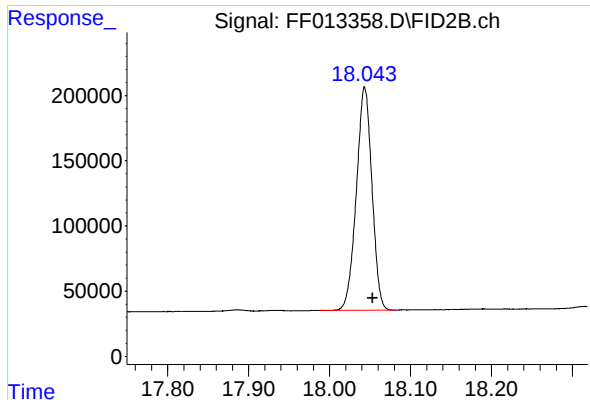
#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.010 min
Response: 2267055
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

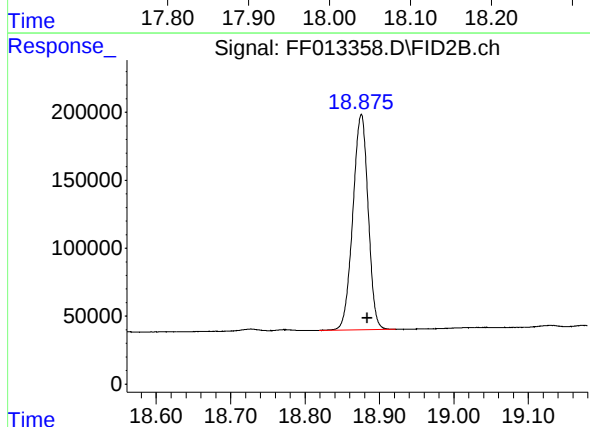
R.T.: 17.157 min
Delta R.T.: -0.009 min
Response: 2249222
Conc: 20.83 ug/ml



#17 n-Tricontane (C30)

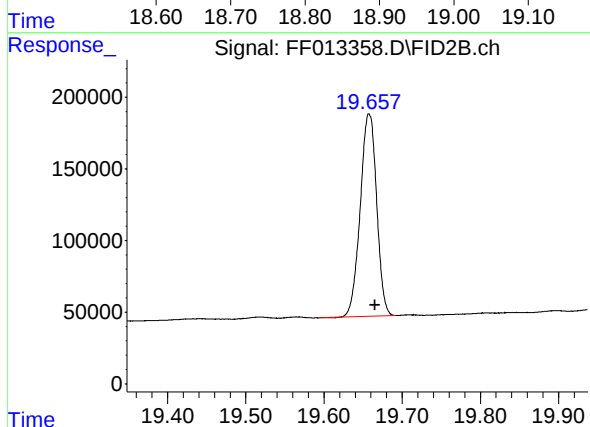
R.T.: 18.043 min
Delta R.T.: -0.010 min
Response: 2289638
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



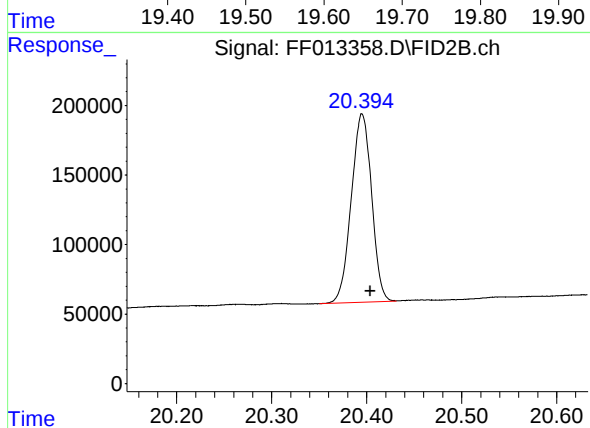
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.008 min
Response: 2265581
Conc: 20.06 ug/ml



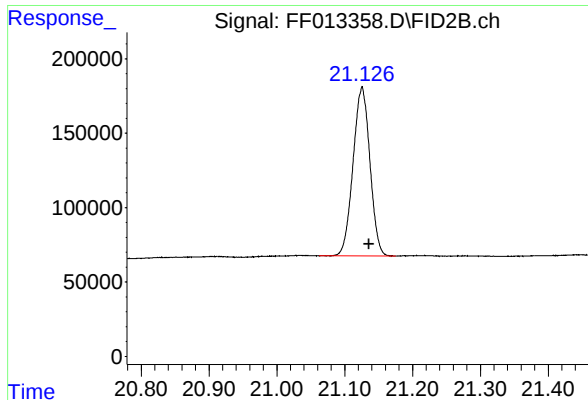
#19 n-Tetatriacontane (C34)

R.T.: 19.658 min
Delta R.T.: -0.008 min
Response: 2059913
Conc: 19.39 ug/ml



#20 n-Hexatriacontane (C36)

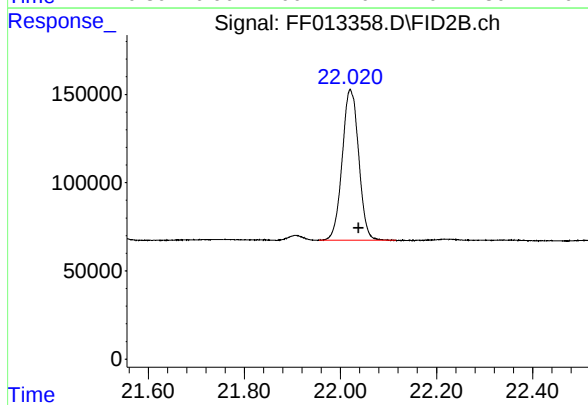
R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 2020430
Conc: 19.17 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.126 min
Delta R.T.: -0.010 min
Response: 1957617
Conc: 19.38 ug/ml

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FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.020 min
Delta R.T.: -0.018 min
Response: 2040575
Conc: 20.53 ug/ml