

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF083123AL\
 Data File : FF013464.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2023 08:55
 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: Sep 01 00:19:16 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)	11.886	2834711	20.632 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	13.325	2152332	20.539 ug/ml
Spiked Amount 50.000		Recovery =	41.08%
Target Compounds			
1) T n-Nonane (C9)	3.275	2234389	20.911 ug/ml
2) T n-Decane (C10)	4.529	2267137	21.156 ug/ml
3) T A~Naphthalene (C11.7)	6.229	2505457	21.163 ug/ml
4) T n-Dodecane (C12)	6.694	2286540	21.131 ug/ml
5) T A~2-methylnaphthalene...	7.324	2459099	20.746 ug/ml
6) T n-Tetradecane (C14)	8.521	2282859	21.149 ug/ml
7) T n-Hexadecane (C16)	10.128	2346966	21.651 ug/ml
8) T n-Octadecane (C18)	11.572	2389209	21.819 ug/ml
10) T n-Eicosane (C20)	12.881	2352472	21.438 ug/ml
11) T n-Heneicosane (C21)	13.493	2334546	21.249 ug/ml
13) T n-Docosane (C22)	14.079	2328187	21.206 ug/ml
14) T n-Tetracosane (C24)	15.182	2311764	21.042 ug/ml
15) T n-Hexacosane (C26)	16.203	2279505	20.857 ug/ml
16) T n-Octacosane (C28)	17.153	2228662	20.641 ug/ml
17) T n-Tricontane (C30)	18.040	2247370	20.550 ug/ml
18) T n-Dotriacontane (C32)	18.872	2233082	19.769 ug/ml
19) T n-Tetratriacontane (C34)	19.655	2148421	20.226 ug/ml
20) T n-Hexatriacontane (C36)	20.394	2136446	20.269 ug/ml
21) T n-Octatriacontane (C38)	21.123	2170868	21.494 ug/ml
22) T n-Tetracontane (C40)	22.018	2258096	22.719 ug/ml

(f)=RT Delta > 1/2 Window

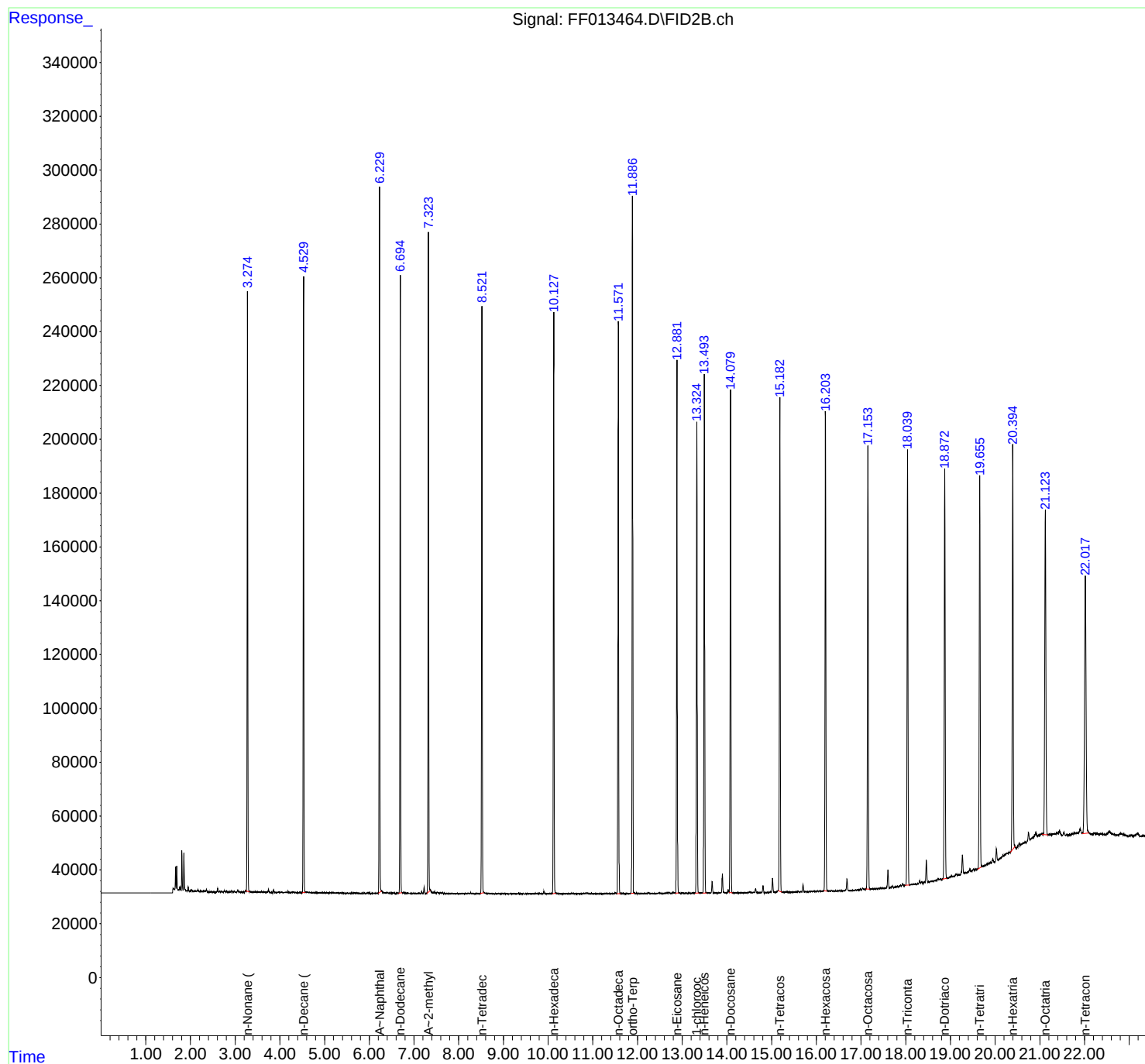
(m)=manual int.

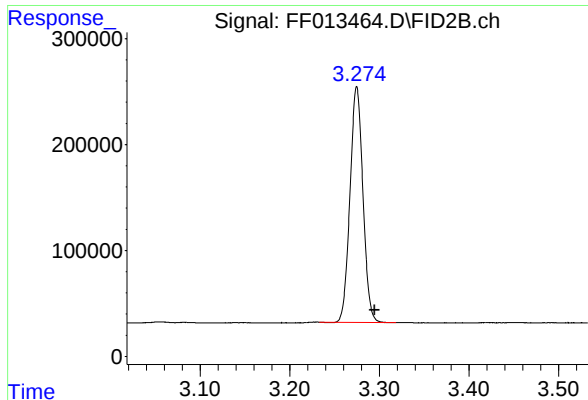
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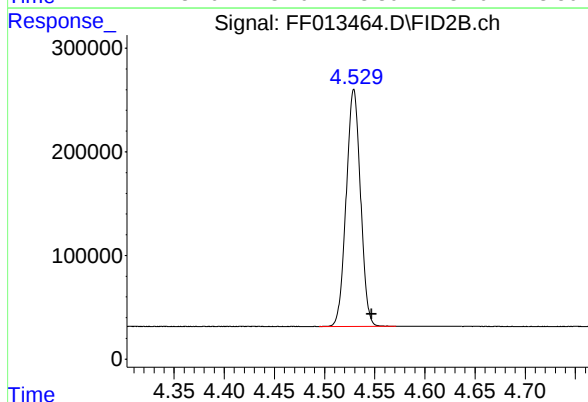




#1 n-Nonane (C9)

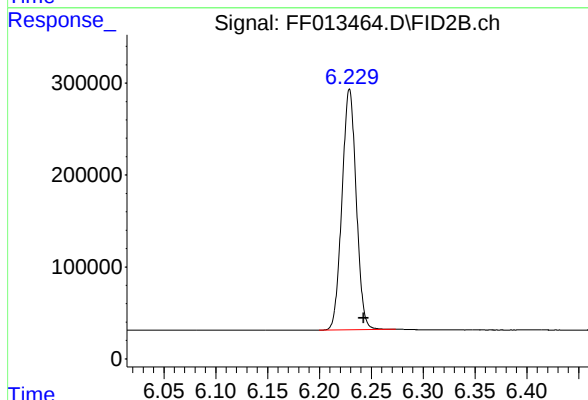
R.T.: 3.275 min
Delta R.T.: -0.020 min
Response: 2234389
Conc: 20.91 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



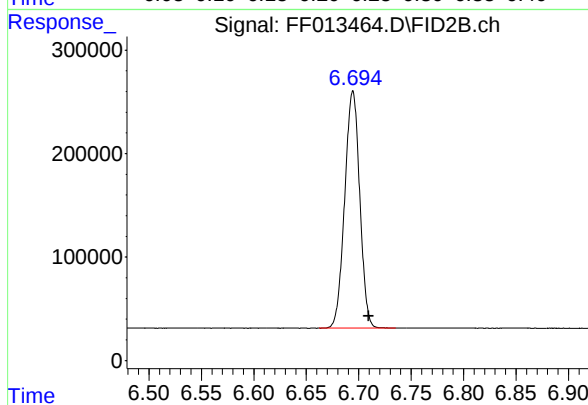
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: -0.018 min
Response: 2267137
Conc: 21.16 ug/ml



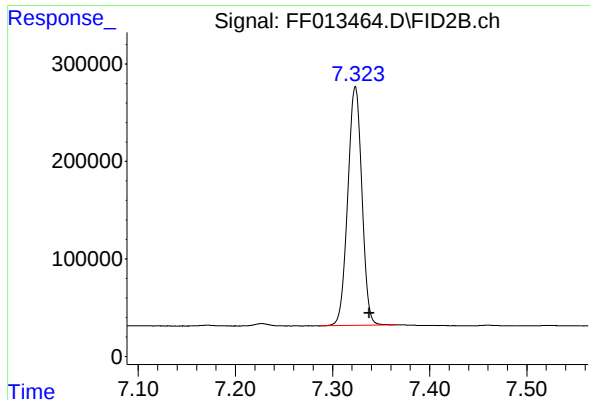
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: -0.013 min
Response: 2505457
Conc: 21.16 ug/ml



#4 n-Dodecane (C12)

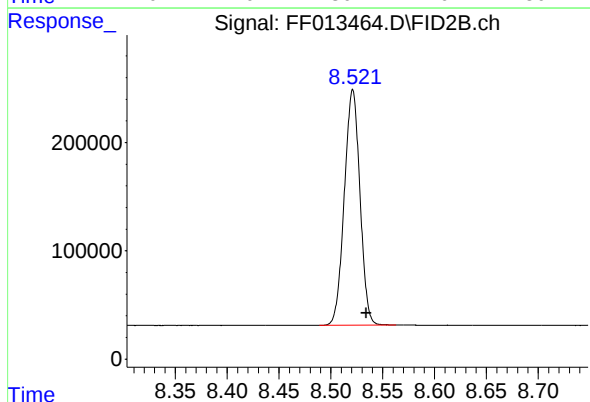
R.T.: 6.694 min
Delta R.T.: -0.015 min
Response: 2286540
Conc: 21.13 ug/ml



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

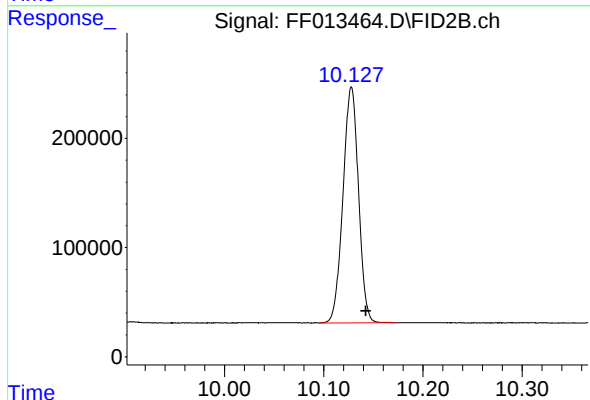
R.T.: 7.324 min
Delta R.T.: -0.014 min
Response: 2459099
Conc: 20.75 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



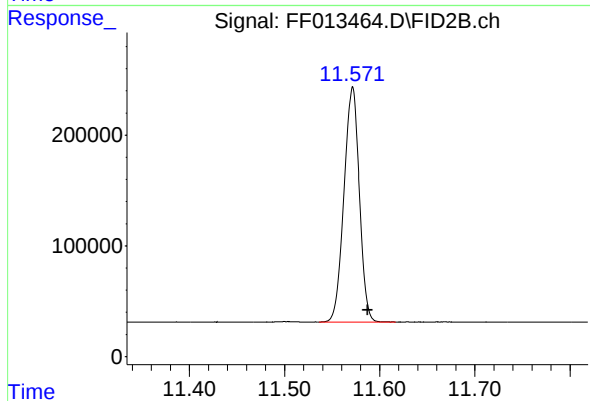
#6 n-Tetradecane (C14)

R.T.: 8.521 min
Delta R.T.: -0.013 min
Response: 2282859
Conc: 21.15 ug/ml



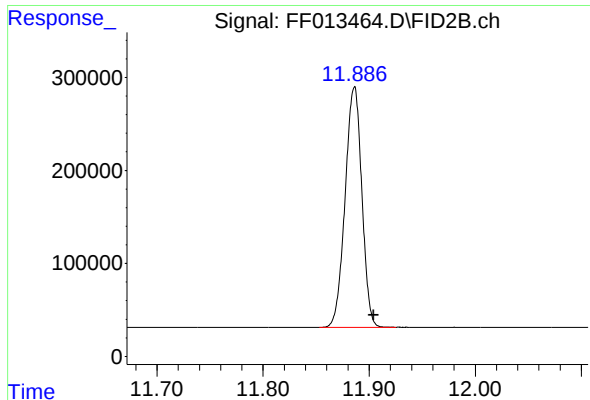
#7 n-Hexadecane (C16)

R.T.: 10.128 min
Delta R.T.: -0.015 min
Response: 2346966
Conc: 21.65 ug/ml



#8 n-Octadecane (C18)

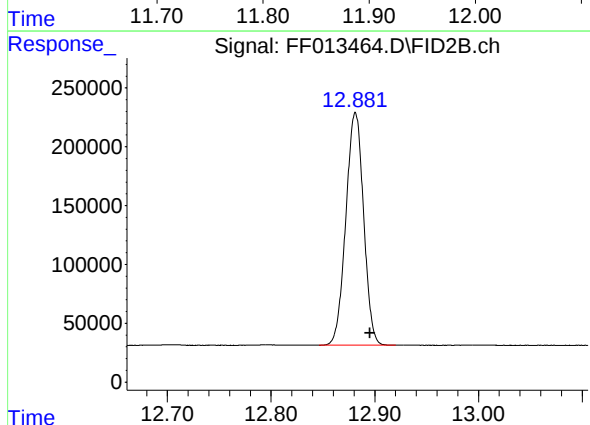
R.T.: 11.572 min
Delta R.T.: -0.016 min
Response: 2389209
Conc: 21.82 ug/ml



#9 ortho-Terphenyl (SURR)

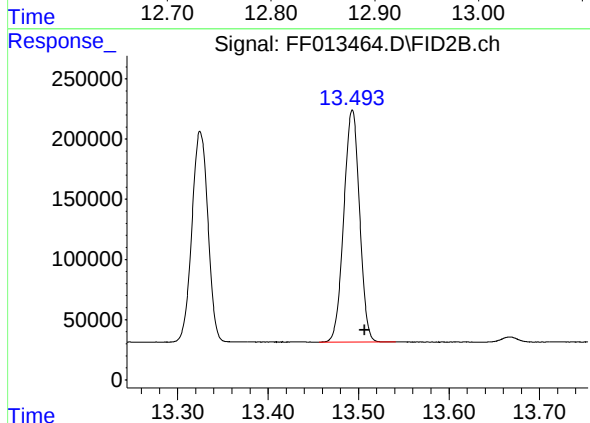
R.T.: 11.886 min
Delta R.T.: -0.018 min
Response: 2834711
Conc: 20.63 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



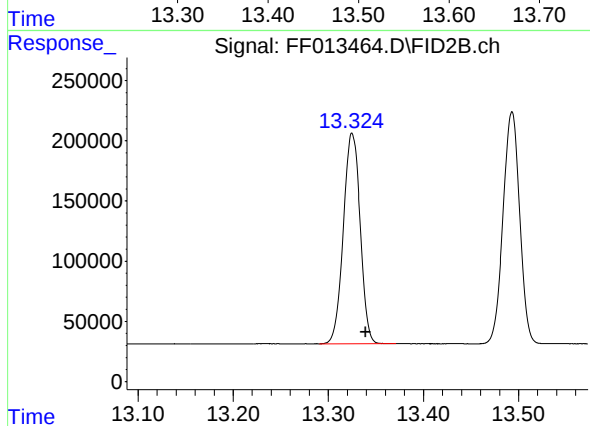
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.014 min
Response: 2352472
Conc: 21.44 ug/ml



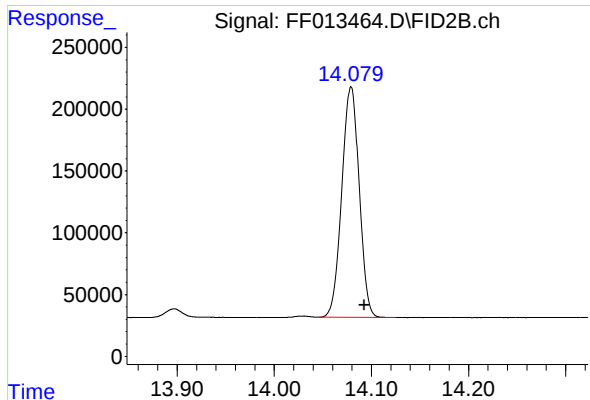
#11 n-Heneicosane (C21)

R.T.: 13.493 min
Delta R.T.: -0.014 min
Response: 2334546
Conc: 21.25 ug/ml



#12 1-chlorooctadecane (SURR)

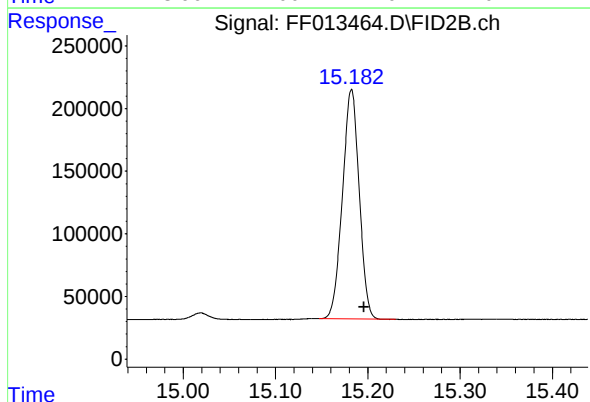
R.T.: 13.325 min
Delta R.T.: -0.014 min
Response: 2152332
Conc: 20.54 ug/ml



#13 n-Docosane (C22)

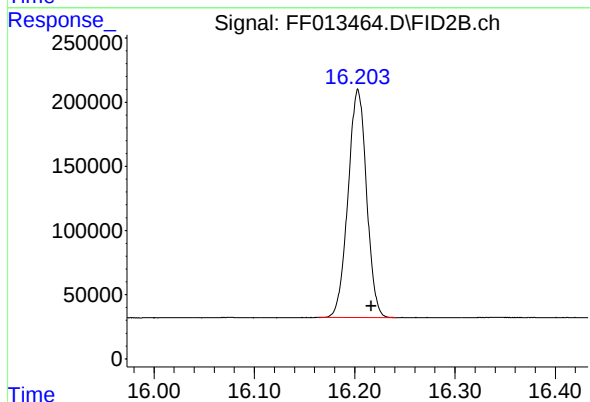
R.T.: 14.079 min
Delta R.T.: -0.013 min
Response: 2328187
Conc: 21.21 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



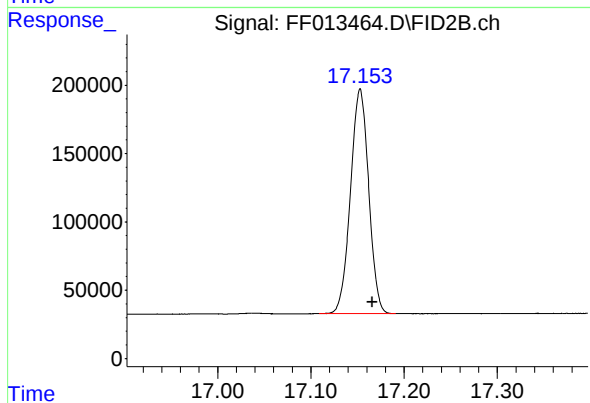
#14 n-Tetracosane (C24)

R.T.: 15.182 min
Delta R.T.: -0.013 min
Response: 2311764
Conc: 21.04 ug/ml



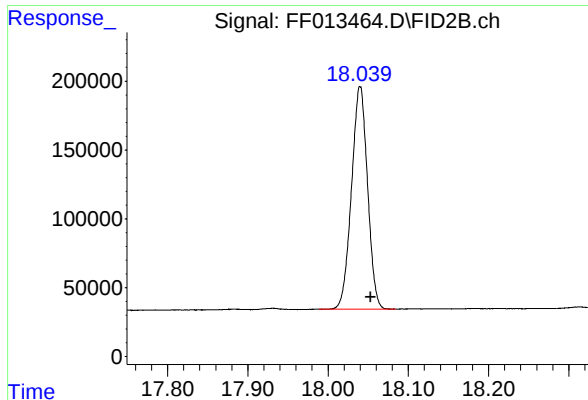
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: -0.013 min
Response: 2279505
Conc: 20.86 ug/ml



#16 n-Octacosane (C28)

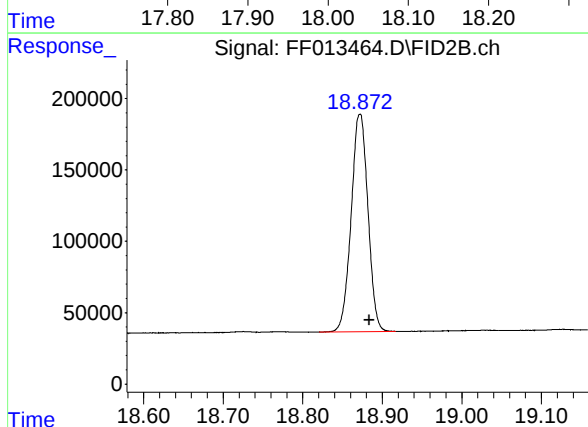
R.T.: 17.153 min
Delta R.T.: -0.013 min
Response: 2228662
Conc: 20.64 ug/ml



#17 n-Tricontane (C30)

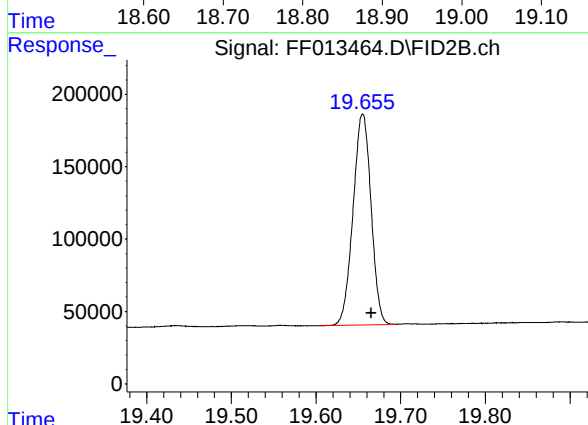
R.T.: 18.040 min
Delta R.T.: -0.013 min
Response: 2247370
Conc: 20.55 ug/ml

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20 PPM ALIPHATIC HC STD



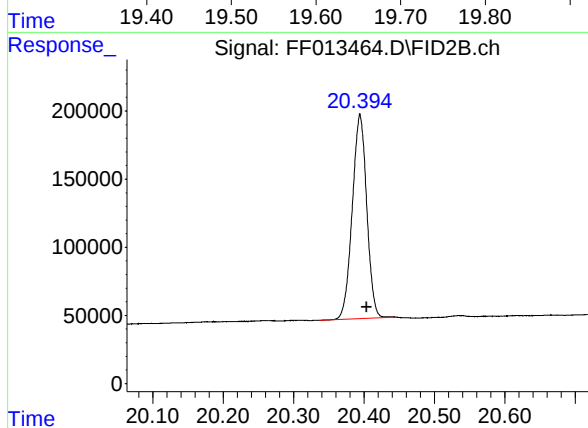
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: -0.012 min
Response: 2233082
Conc: 19.77 ug/ml



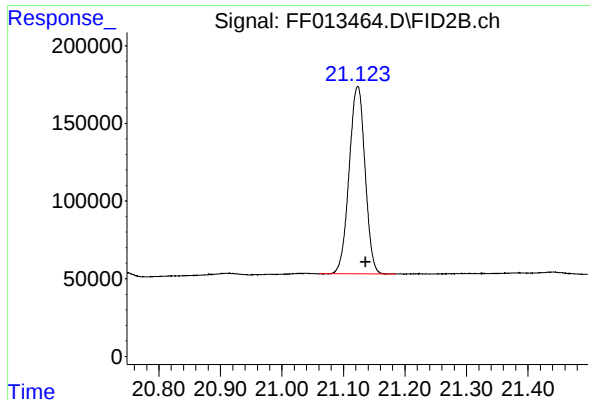
#19 n-Tetatriacontane (C34)

R.T.: 19.655 min
Delta R.T.: -0.010 min
Response: 2148421
Conc: 20.23 ug/ml



#20 n-Hexatriacontane (C36)

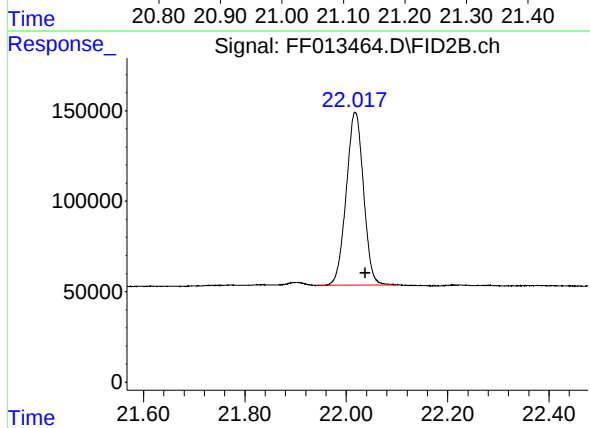
R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 2136446
Conc: 20.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 2170868
Conc: 21.49 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.018 min
Delta R.T.: -0.020 min
Response: 2258096
Conc: 22.72 ug/ml