

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090221AL\
 Data File : FD038753.D
 Signal(s) : FID2B.CH
 Acq On : 02 Sep 2021 22:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 03 01:31:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.678	2975274	20.242 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
12) S 1-chlorooctadecane (S...	13.104	2354264	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
Target Compounds			
1) T n-Nonane (C9)	3.440	2581853	20.272 ug/ml
2) T n-Decane (C10)	4.509	2620860	20.234 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2947182	20.238 ug/ml
4) T n-Dodecane (C12)	6.525	2643343	20.123 ug/ml
5) T A~2-methylnaphthalene...	7.154	2983616	20.172 ug/ml
6) T n-Tetradecane (C14)	8.317	2704582	20.066 ug/ml
7) T n-Hexadecane (C16)	9.915	2743752	20.067 ug/ml
8) T n-Octadecane (C18)	11.353	2817224	20.159 ug/ml
10) T n-Eicosane (C20)	12.658	2787179	20.214 ug/ml
11) T n-Heneicosane (C21)	13.269	2805812	20.188 ug/ml
13) T n-Docosane (C22)	13.853	2759634	20.256 ug/ml
14) T n-Tetracosane (C24)	14.952	2718765	20.350 ug/ml
15) T n-Hexacosane (C26)	15.969	2590331	20.426 ug/ml
16) T n-Octacosane (C28)	16.916	2482010	20.526 ug/ml
17) T n-Tricontane (C30)	17.800	2384351	20.786 ug/ml
18) T n-Dotriacontane (C32)	18.627	2255523	20.856 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2144775	20.601 ug/ml
20) T n-Hexatriacontane (C36)	20.145	2011527	20.515 ug/ml
21) T n-Octatriacontane (C38)	20.886	1932302	20.493 ug/ml
22) T n-Tetracontane (C40)	21.814	1948006	20.574 ug/ml

(f)=RT Delta > 1/2 Window

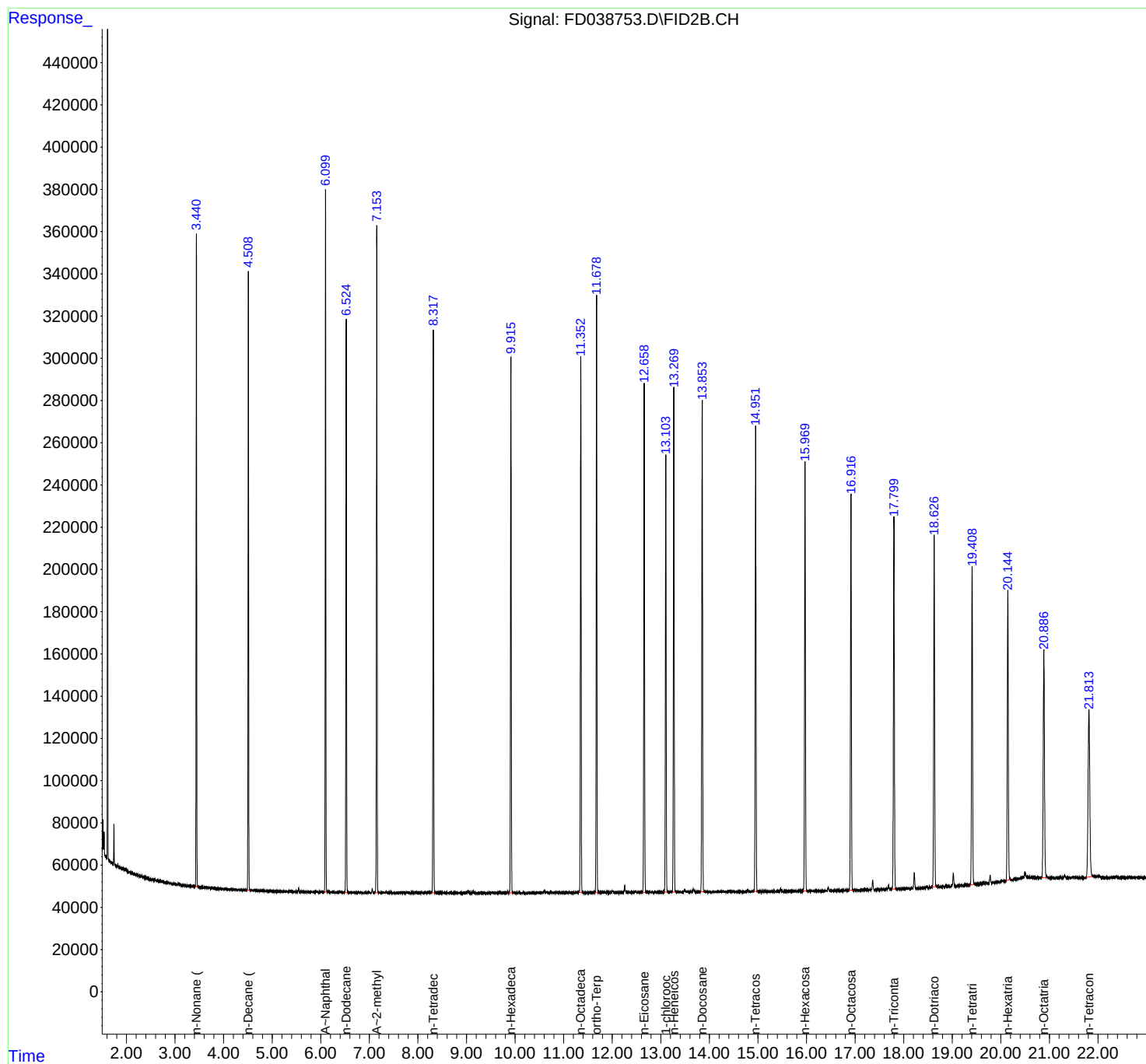
(m)=manual int.

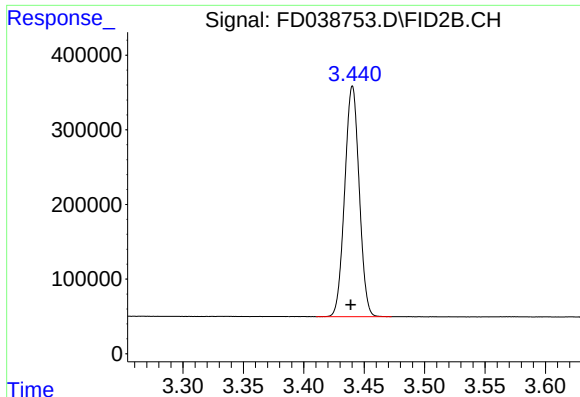
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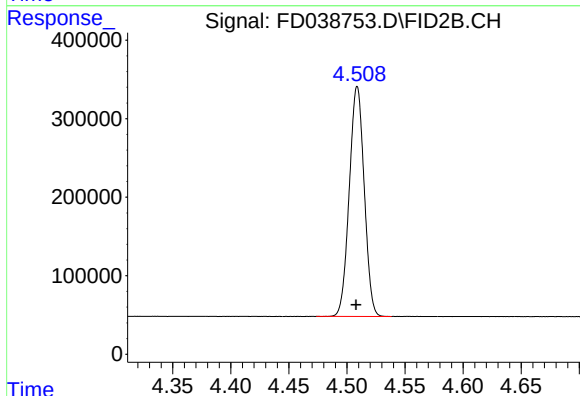




#1 n-Nonane (C9)

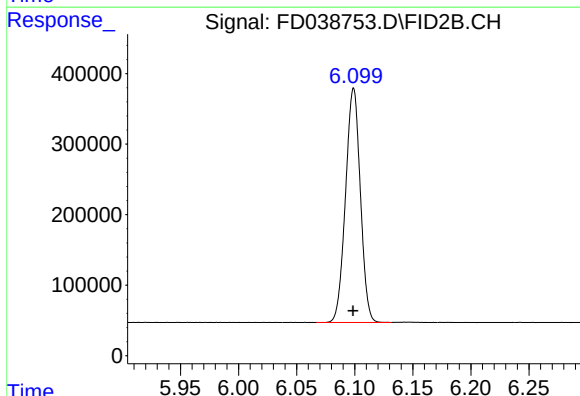
R.T.: 3.440 min
Delta R.T.: 0.001 min
Response: 2581853
Conc: 20.27 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



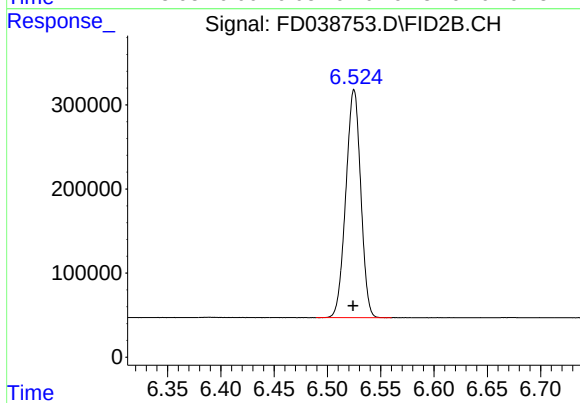
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.001 min
Response: 2620860
Conc: 20.23 ug/ml



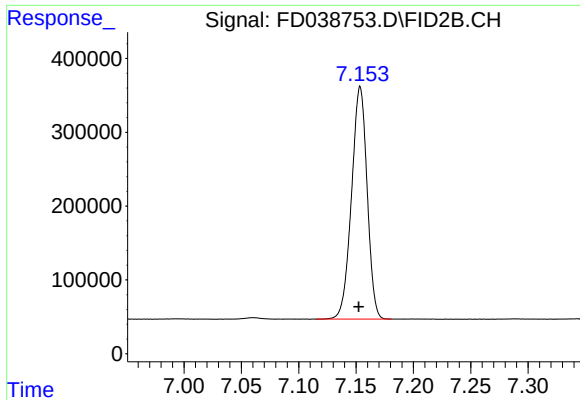
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2947182
Conc: 20.24 ug/ml



#4 n-Dodecane (C12)

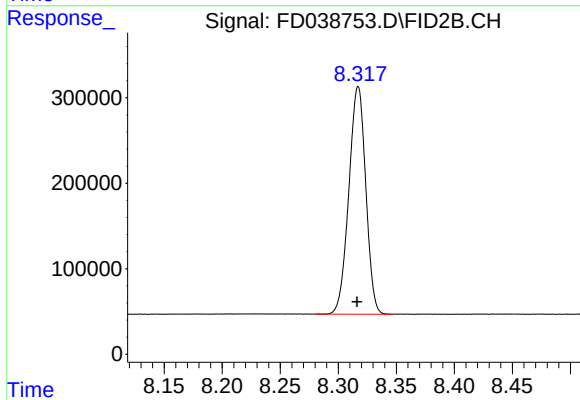
R.T.: 6.525 min
Delta R.T.: 0.001 min
Response: 2643343
Conc: 20.12 ug/ml



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

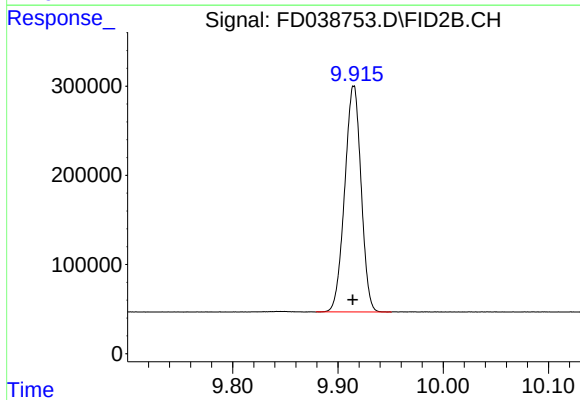
R.T.: 7.154 min
Delta R.T.: 0.001 min
Response: 2983616
Conc: 20.17 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



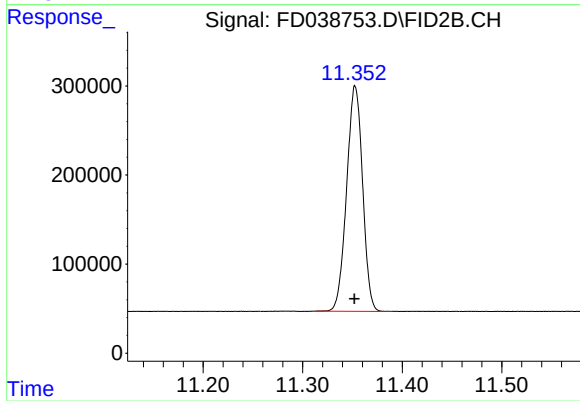
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 2704582
Conc: 20.07 ug/ml



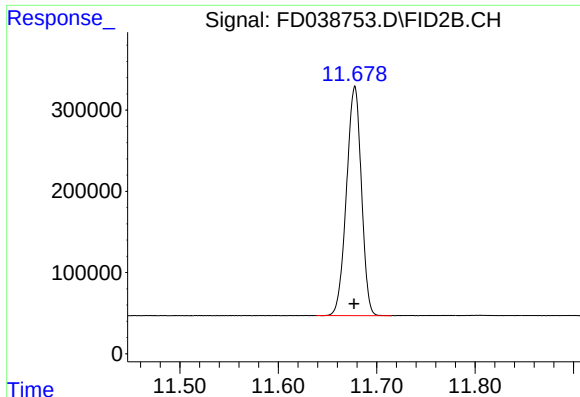
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 2743752
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

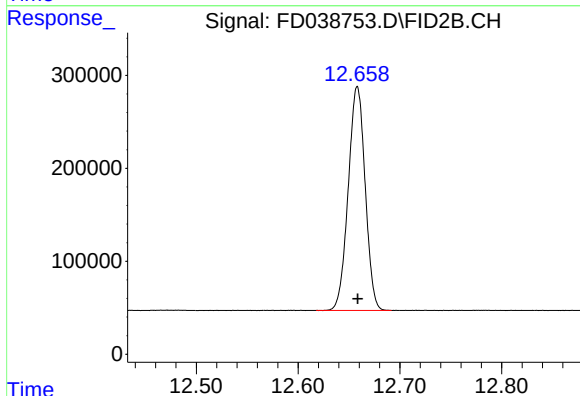
R.T.: 11.353 min
Delta R.T.: 0.000 min
Response: 2817224
Conc: 20.16 ug/ml



#9 ortho-Terphenyl (SURR)

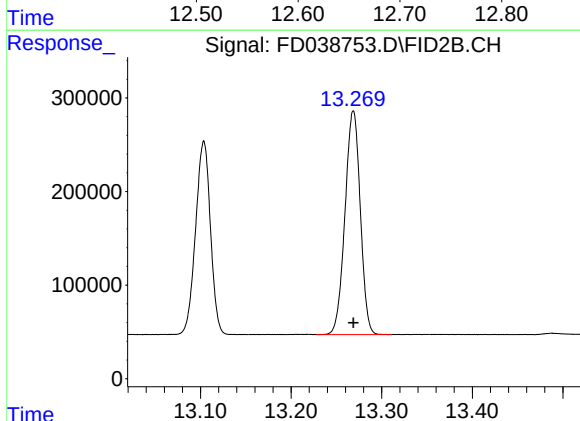
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2975274
Conc: 20.24 ug/ml

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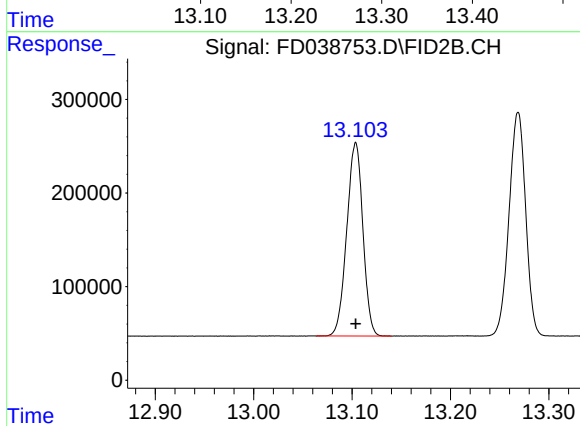
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: 0.000 min
Response: 2787179
Conc: 20.21 ug/ml



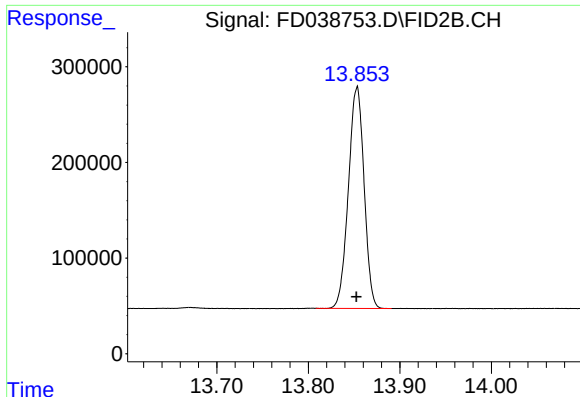
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2805812
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

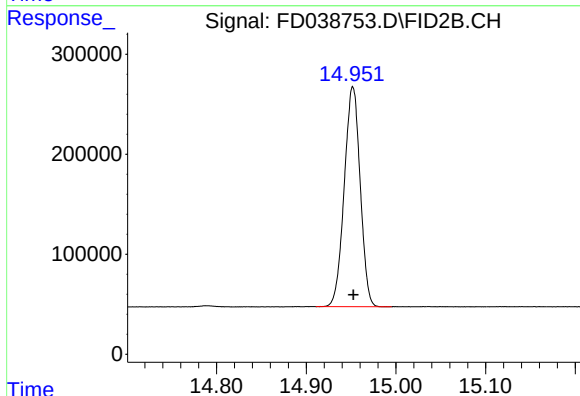
R.T.: 13.104 min
Delta R.T.: 0.000 min
Response: 2354264
Conc: 20.24 ug/ml



#13 n-Docosane (C22)

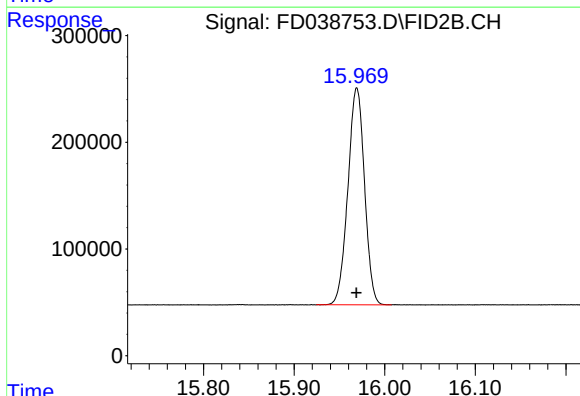
R.T.: 13.853 min
Delta R.T.: 0.000 min
Response: 2759634
Conc: 20.26 ug/ml

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20 PPM ALIPHATIC HC STD



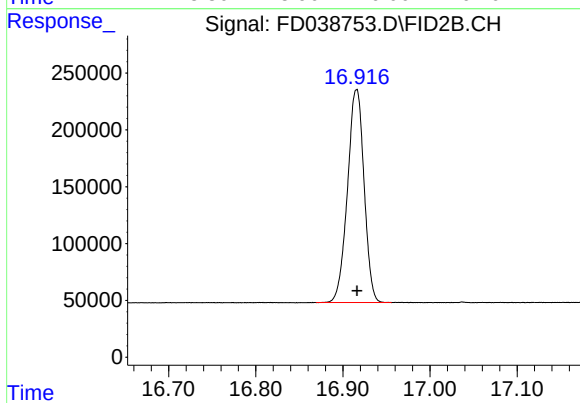
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: 0.000 min
Response: 2718765
Conc: 20.35 ug/ml



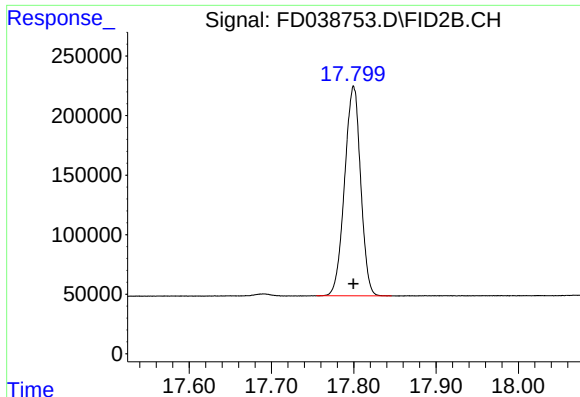
#15 n-Hexacosane (C26)

R.T.: 15.969 min
Delta R.T.: 0.000 min
Response: 2590331
Conc: 20.43 ug/ml



#16 n-Octacosane (C28)

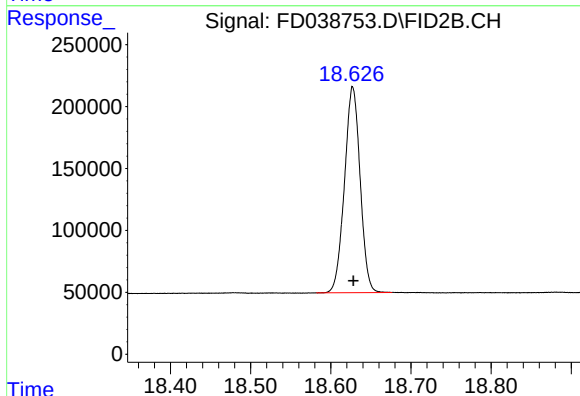
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2482010
Conc: 20.53 ug/ml



#17 n-Tricontane (C30)

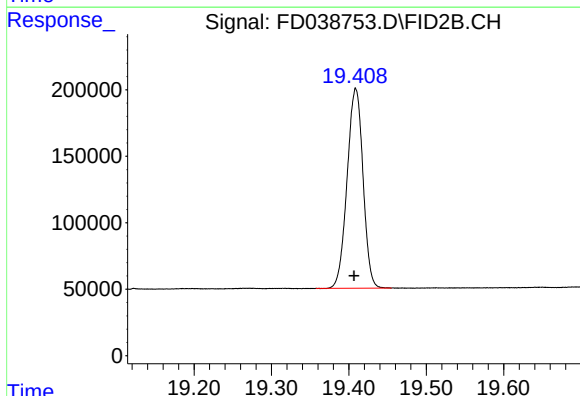
R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 2384351
Conc: 20.79 ug/ml

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20 PPM ALIPHATIC HC STD



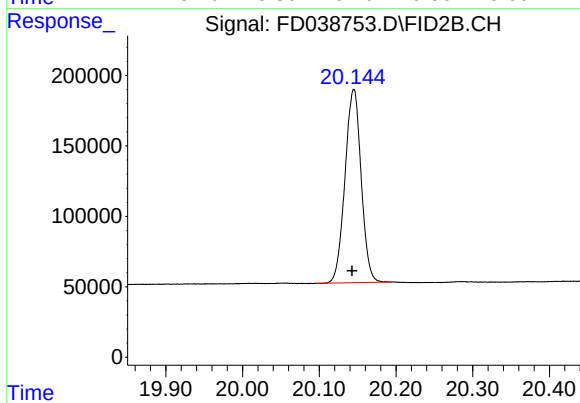
#18 n-Dotriacontane (C32)

R.T.: 18.627 min
Delta R.T.: 0.000 min
Response: 2255523
Conc: 20.86 ug/ml



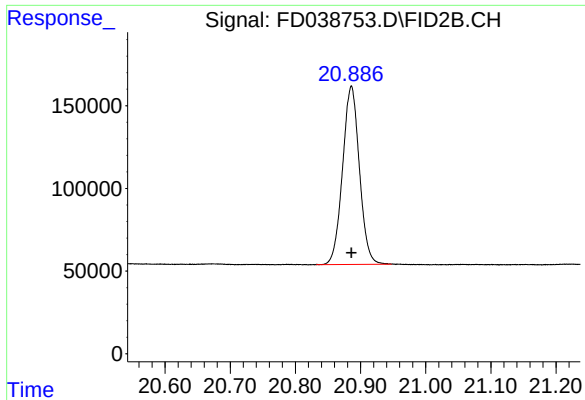
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.002 min
Response: 2144775
Conc: 20.60 ug/ml



#20 n-Hexatriacontane (C36)

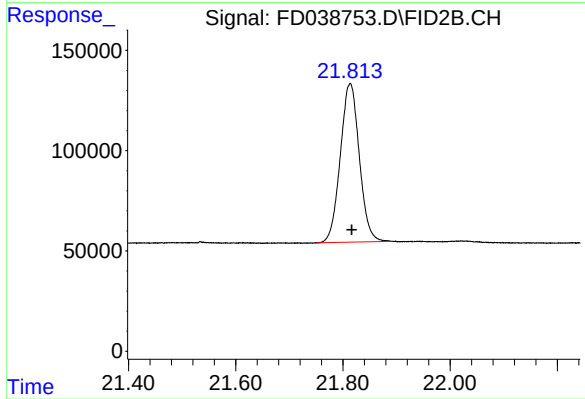
R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 2011527
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.886 min
Delta R.T.: 0.000 min
Response: 1932302
Conc: 20.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.003 min
Response: 1948006
Conc: 20.57 ug/ml