

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AL\
 Data File : FD031381.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2019 11:23
 Operator : DD\AJ
 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: Nov 08 12:41:46 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 06:45:13 2019
 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)	11.539	3147647	20.686 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
12) S 1-chlorooctadecane (S...	12.970	2349001	20.672 ug/ml
Spiked Amount 50.000		Recovery =	41.34%
Target Compounds			
1) T n-Nonane (C9)	3.331	2767387	20.861 ug/ml
2) T n-Decane (C10)	4.396	2800841	21.000 ug/ml
3) T A-Naphthalene (C11.7)	5.973	3133609	20.922 ug/ml
4) T n-Dodecane (C12)	6.407	2820084	20.940 ug/ml
5) T A~2-methylnaphthalene...	7.025	3176206	20.956 ug/ml
6) T n-Tetradecane (C14)	8.195	2815678	20.896 ug/ml
7) T n-Hexadecane (C16)	9.789	2799771	20.882 ug/ml
8) T n-Octadecane (C18)	11.225	2788744	20.909 ug/ml
10) T n-Eicosane (C20)	12.528	2763223	20.948 ug/ml
11) T n-Heneicosane (C21)	13.137	2740947	20.714 ug/ml
13) T n-Docosane (C22)	13.720	2764453	21.053 ug/ml
14) T n-Tetracosane (C24)	14.818	2856173	21.827 ug/ml
15) T n-Hexacosane (C26)	15.834	2885071	22.332 ug/ml
16) T n-Octacosane (C28)	16.778	2919254	22.813 ug/ml
17) T n-Tricontane (C30)	17.662	2901837	22.750 ug/ml
18) T n-Dotriacontane (C32)	18.489	2730237	22.131 ug/ml
19) T n-Tetratriacontane (C34)	19.268	2521922	21.083 ug/ml
20) T n-Hexatriacontane (C36)	20.003	2319032	20.319 ug/ml
21) T n-Octatriacontane (C38)	20.722	2166904	20.632 ug/ml
22) T n-Tetracontane (C40)	21.590	2199951	20.487 ug/ml

(f)=RT Delta > 1/2 Window

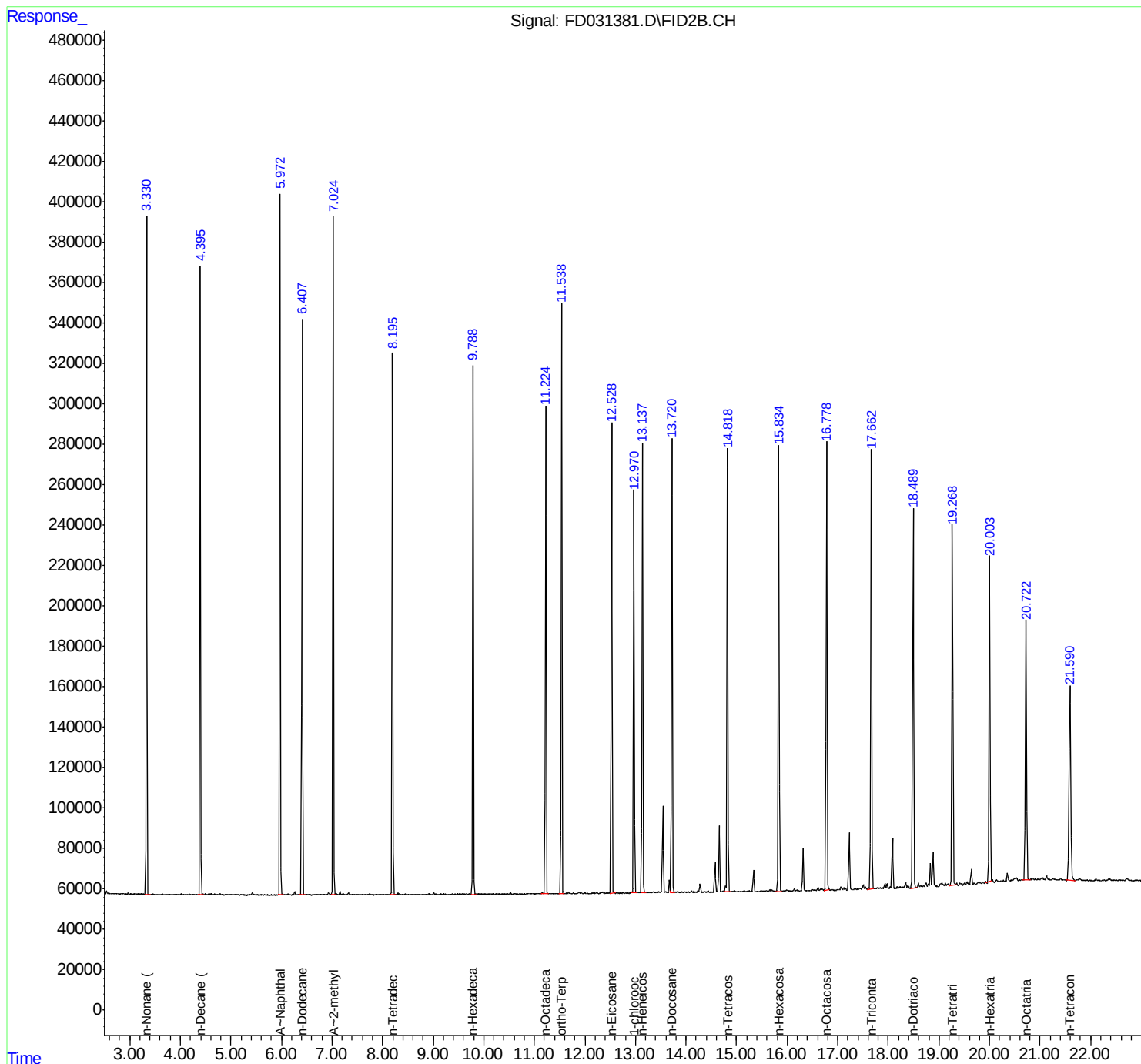
(m)=manual int.

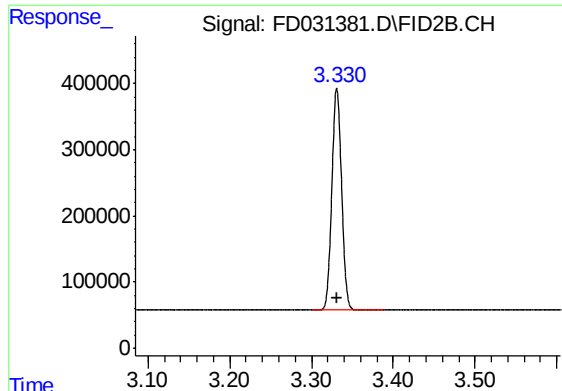
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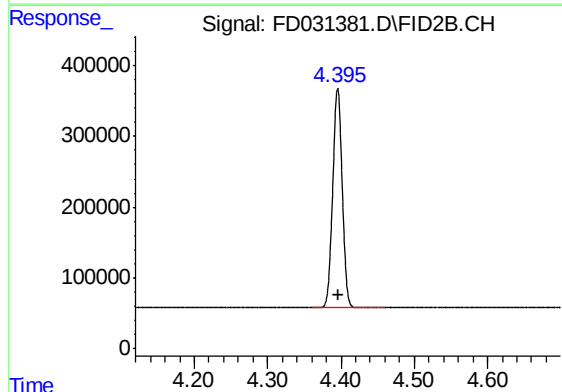




#1 n-Nonane (C9)

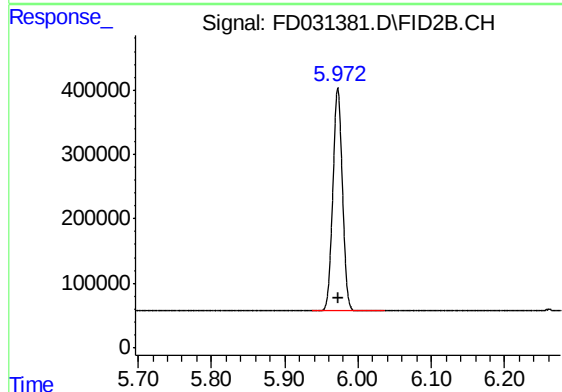
R.T.: 3.331 min
Delta R.T.: 0.000 min
Response: 2767387
Conc: 20.86 ug/ml

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20 PPM ALIPHATIC HC STD



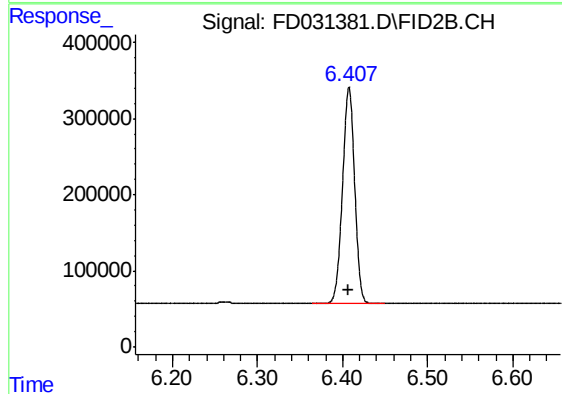
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 2800841
Conc: 21.00 ug/ml



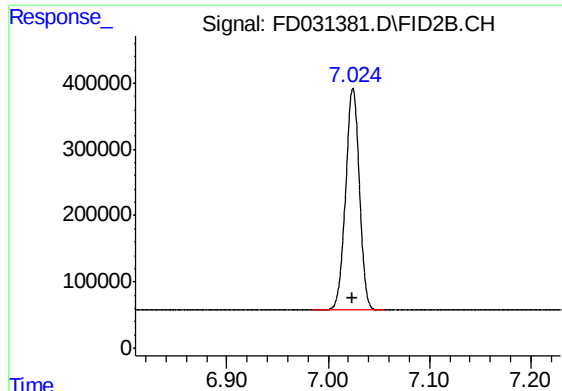
#3 A~Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 3133609
Conc: 20.92 ug/ml



#4 n-Dodecane (C12)

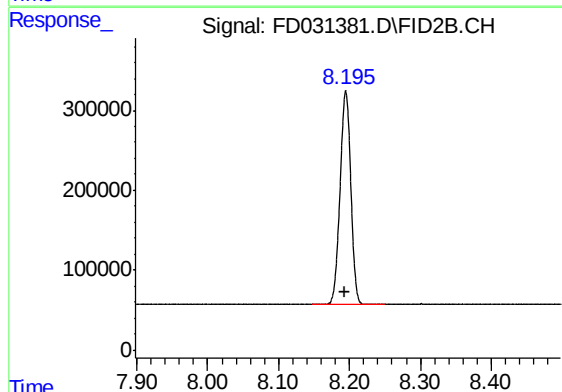
R.T.: 6.407 min
Delta R.T.: 0.001 min
Response: 2820084
Conc: 20.94 ug/ml



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

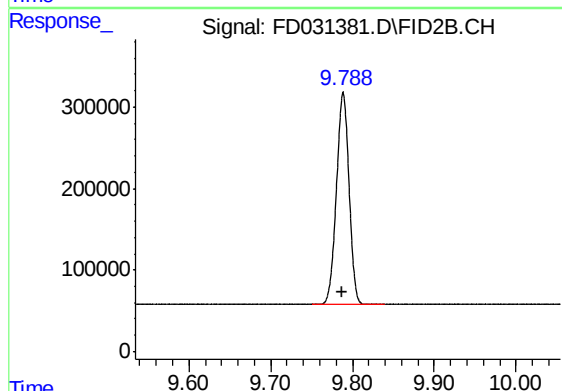
R.T.: 7.025 min
Delta R.T.: 0.001 min
Response: 3176206
Conc: 20.96 ug/ml

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20 PPM ALIPHATIC HC STD



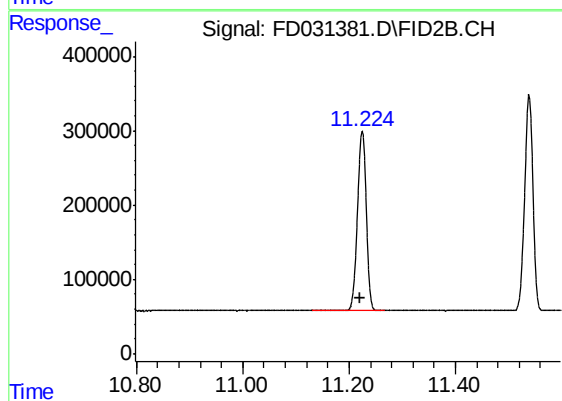
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: 0.002 min
Response: 2815678
Conc: 20.90 ug/ml



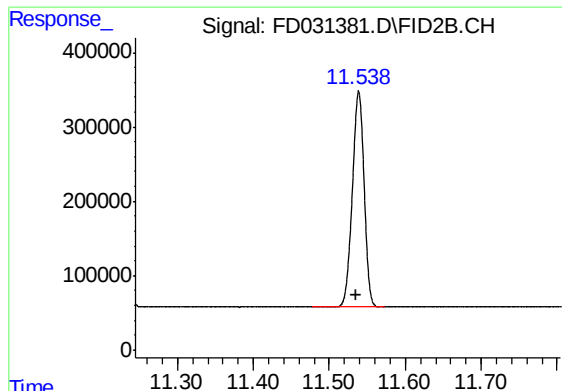
#7 n-Hexadecane (C16)

R.T.: 9.789 min
Delta R.T.: 0.002 min
Response: 2799771
Conc: 20.88 ug/ml



#8 n-Octadecane (C18)

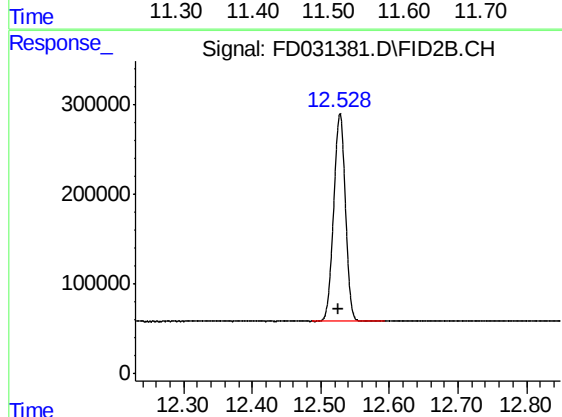
R.T.: 11.225 min
Delta R.T.: 0.003 min
Response: 2788744
Conc: 20.91 ug/ml



#9 ortho-Terphenyl (SURR)

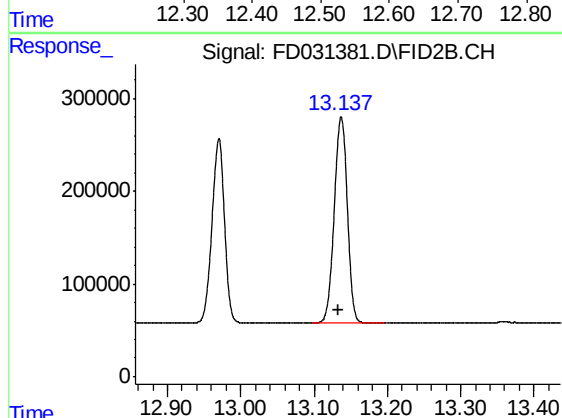
R.T.: 11.539 min
Delta R.T.: 0.004 min
Response: 3147647
Conc: 20.69 ug/ml

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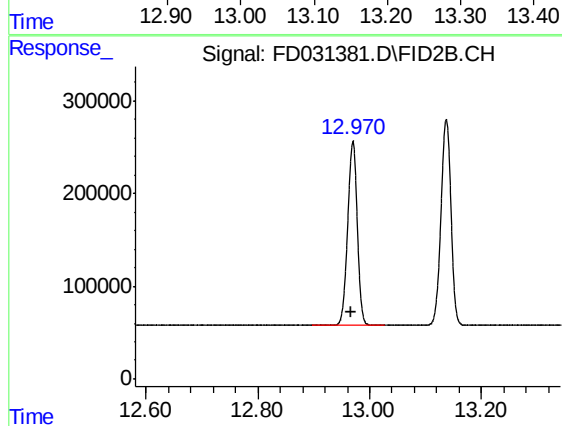
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.003 min
Response: 2763223
Conc: 20.95 ug/ml



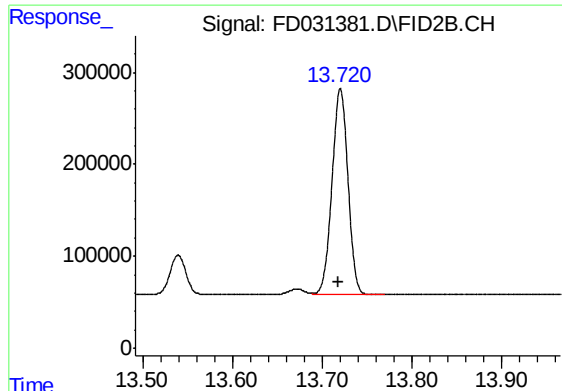
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.003 min
Response: 2740947
Conc: 20.71 ug/ml



#12 1-chlorooctadecane (SURR)

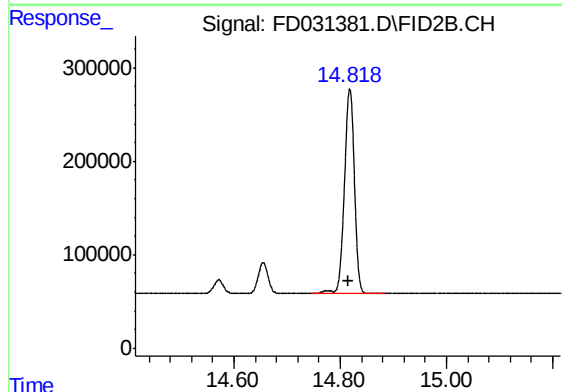
R.T.: 12.970 min
Delta R.T.: 0.003 min
Response: 2349001
Conc: 20.67 ug/ml



#13 n-Docosane (C22)

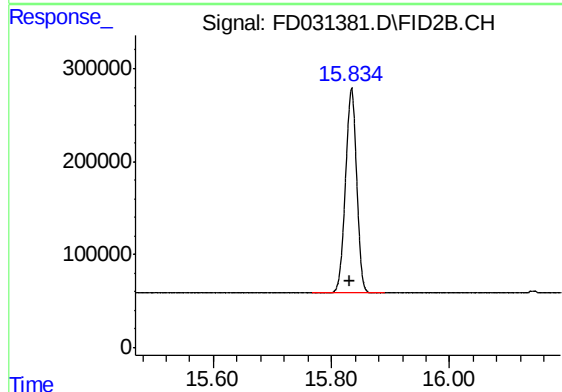
R.T.: 13.720 min
Delta R.T.: 0.003 min
Response: 2764453
Conc: 21.05 ug/ml

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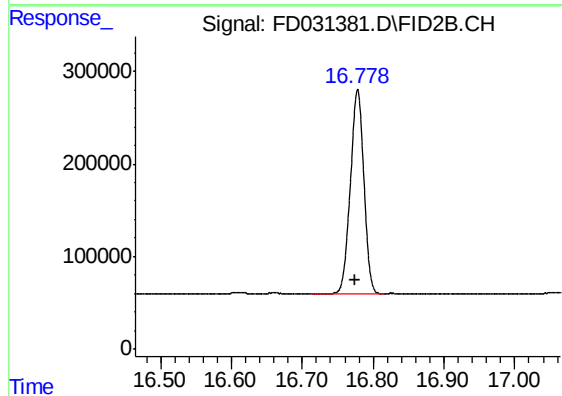
#14 n-Tetracosane (C24)

R.T.: 14.818 min
Delta R.T.: 0.003 min
Response: 2856173
Conc: 21.83 ug/ml



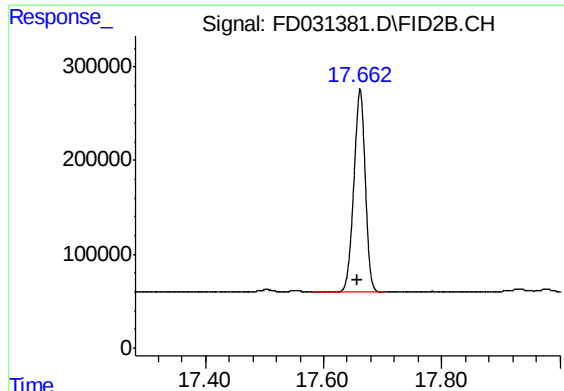
#15 n-Hexacosane (C26)

R.T.: 15.834 min
Delta R.T.: 0.003 min
Response: 2885071
Conc: 22.33 ug/ml



#16 n-Octacosane (C28)

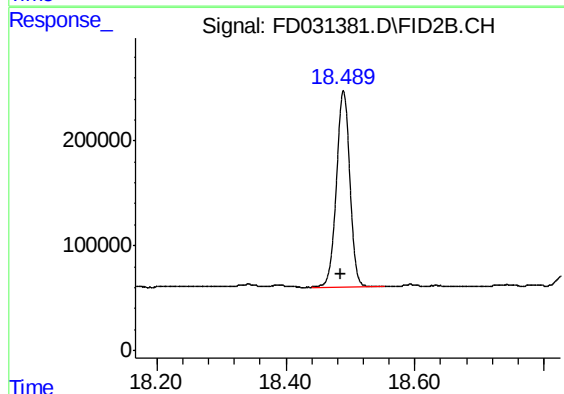
R.T.: 16.778 min
Delta R.T.: 0.004 min
Response: 2919254
Conc: 22.81 ug/ml



#17 n-Tricontane (C30)

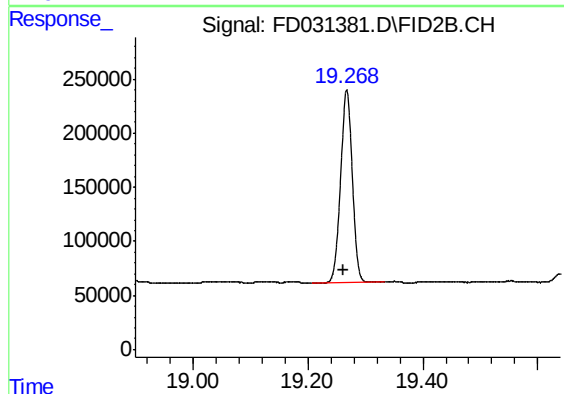
R.T.: 17.662 min
Delta R.T.: 0.005 min
Response: 2901837
Conc: 22.75 ug/ml

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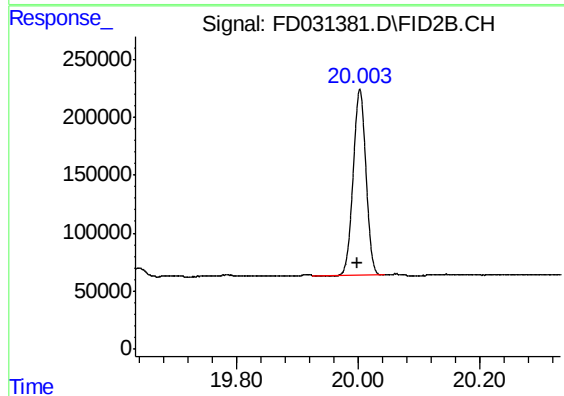
#18 n-Dotriacontane (C32)

R.T.: 18.489 min
Delta R.T.: 0.005 min
Response: 2730237
Conc: 22.13 ug/ml



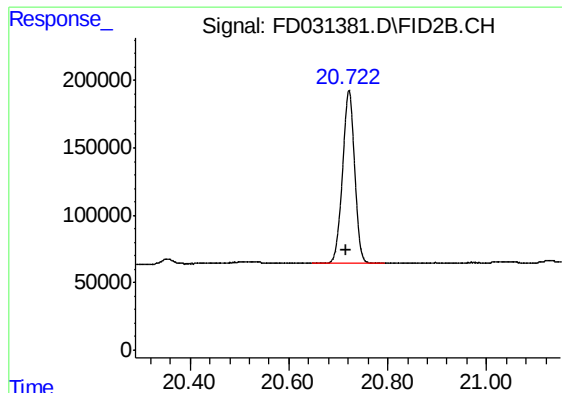
#19 n-Tetatriacontane (C34)

R.T.: 19.268 min
Delta R.T.: 0.005 min
Response: 2521922
Conc: 21.08 ug/ml



#20 n-Hexatriacontane (C36)

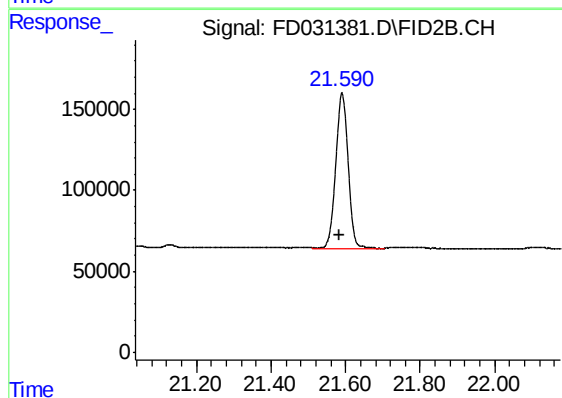
R.T.: 20.003 min
Delta R.T.: 0.004 min
Response: 2319032
Conc: 20.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.722 min
Delta R.T.: 0.006 min
Response: 2166904
Conc: 20.63 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.590 min
Delta R.T.: 0.008 min
Response: 2199951
Conc: 20.49 ug/ml