

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072120AL\
 Data File : FD034067.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2020 19:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 22 02:49:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 04:25:35 2020
 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)	11.616	2758601	20.326 ug/ml
Spiked Amount 50.000		Recovery =	40.65%
12) S 1-chlorooctadecane (S...	13.044	2235750	20.100 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
Target Compounds			
1) T n-Nonane (C9)	3.392	2543729	21.193 ug/ml
2) T n-Decane (C10)	4.459	2572060	21.261 ug/ml
3) T A-Naphthalene (C11.7)	6.044	2857484	21.184 ug/ml
4) T n-Dodecane (C12)	6.473	2616752	21.317 ug/ml
5) T A~2-methylnaphthalene...	7.097	2914086	21.132 ug/ml
6) T n-Tetradecane (C14)	8.263	2601901	21.304 ug/ml
7) T n-Hexadecane (C16)	9.859	2553782	20.998 ug/ml
8) T n-Octadecane (C18)	11.296	2626344	20.711 ug/ml
10) T n-Eicosane (C20)	12.601	2604358	20.358 ug/ml
11) T n-Heneicosane (C21)	13.210	2582923	20.164 ug/ml
13) T n-Docosane (C22)	13.794	2559526	19.964 ug/ml
14) T n-Tetracosane (C24)	14.893	2510472	19.563 ug/ml
15) T n-Hexacosane (C26)	15.908	2425633	19.058 ug/ml
16) T n-Octacosane (C28)	16.853	2362198	18.607 ug/ml
17) T n-Tricontane (C30)	17.736	2260084	18.270 ug/ml
18) T n-Dotriacontane (C32)	18.563	2033740	18.053 ug/ml
19) T n-Tetratriacontane (C34)	19.341	1881308	17.861 ug/ml
20) T n-Hexatriacontane (C36)	20.077	1777683	17.633 ug/ml
21) T n-Octatriacontane (C38)	20.808	1681690	18.414 ug/ml
22) T n-Tetracontane (C40)	21.714	1747722	19.664 ug/ml

(f)=RT Delta > 1/2 Window

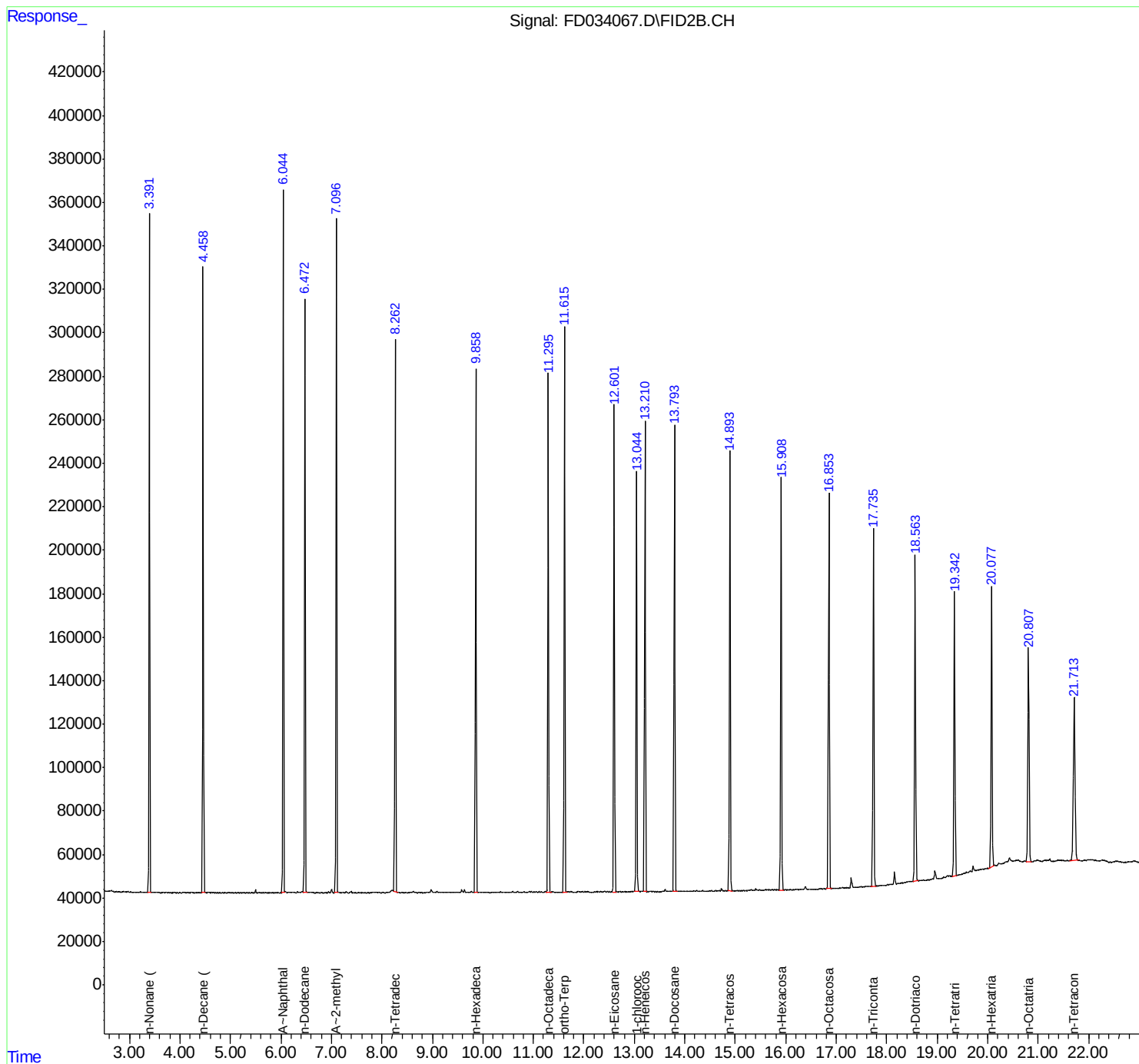
(m)=manual int.

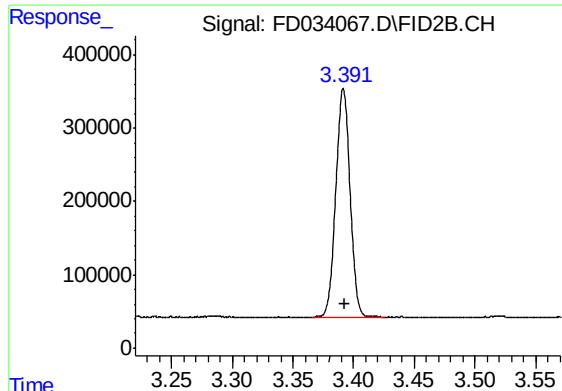
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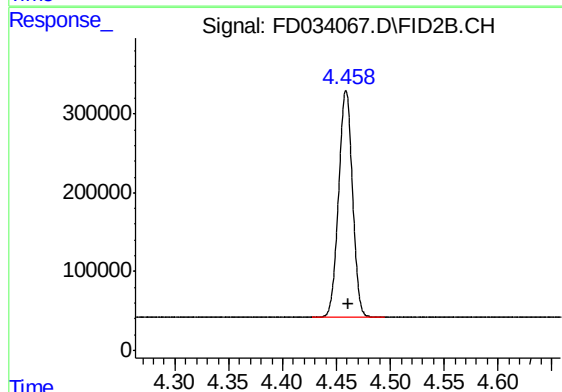




#1 n-Nonane (C9)

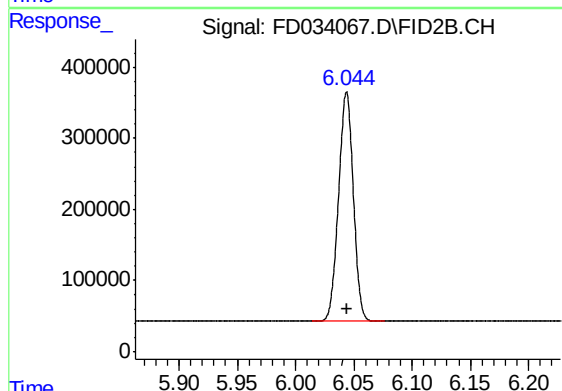
R.T.: 3.392 min
Delta R.T.: -0.001 min
Response: 2543729
Conc: 21.19 ug/ml

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FID_D
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20 PPM ALIPHATIC HC STD



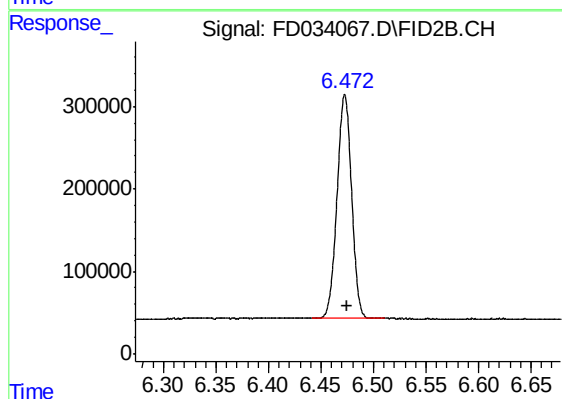
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 2572060
Conc: 21.26 ug/ml



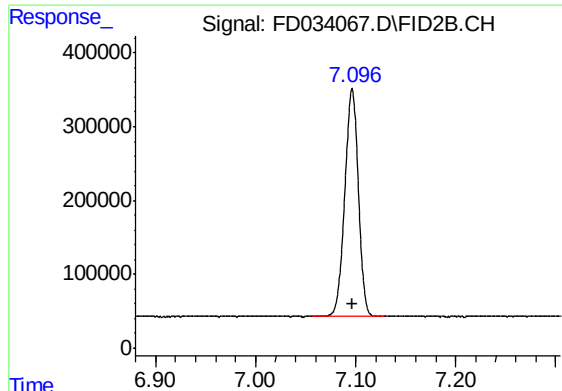
#3 A-Naphthalene (C11.7)

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 2857484
Conc: 21.18 ug/ml



#4 n-Dodecane (C12)

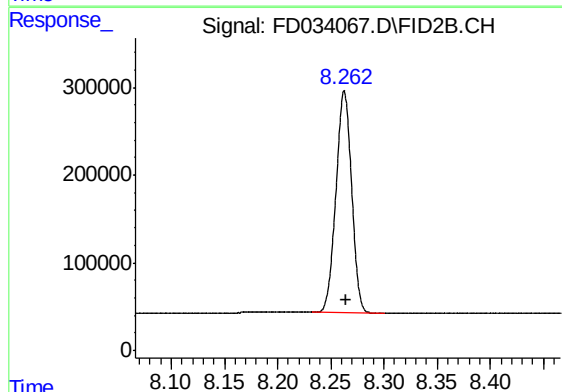
R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 2616752
Conc: 21.32 ug/ml



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

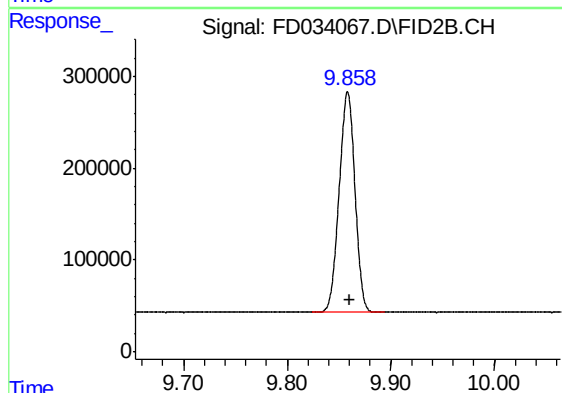
R.T.: 7.097 min
Delta R.T.: 0.000 min
Response: 2914086
Conc: 21.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



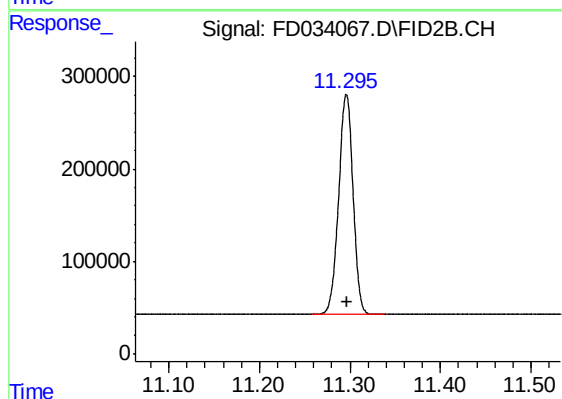
#6 n-Tetradecane (C14)

R.T.: 8.263 min
Delta R.T.: -0.002 min
Response: 2601901
Conc: 21.30 ug/ml



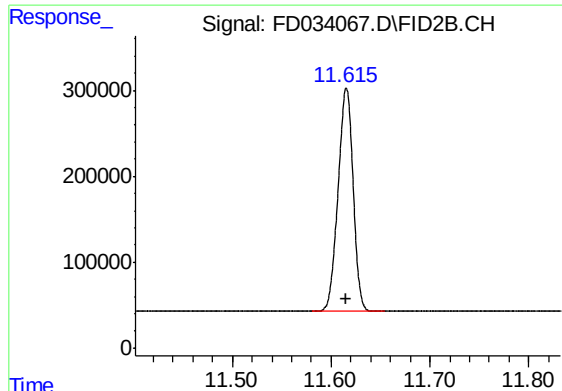
#7 n-Hexadecane (C16)

R.T.: 9.859 min
Delta R.T.: -0.002 min
Response: 2553782
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

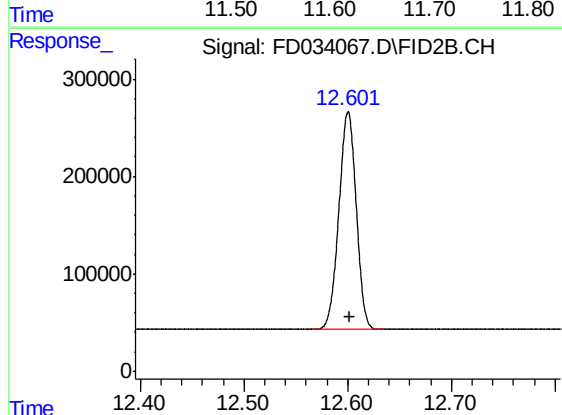
R.T.: 11.296 min
Delta R.T.: 0.000 min
Response: 2626344
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

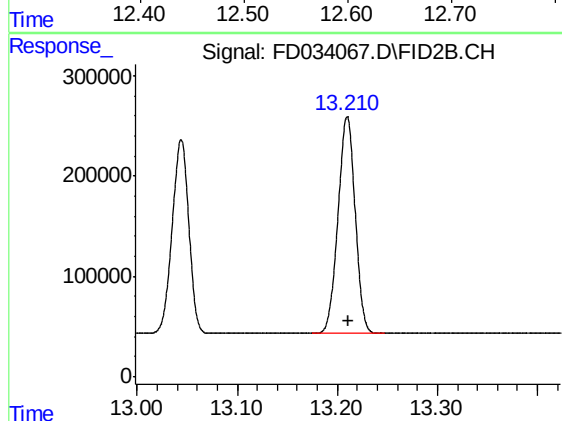
R.T.: 11.616 min
Delta R.T.: 0.000 min
Response: 2758601
Conc: 20.33 ug/ml

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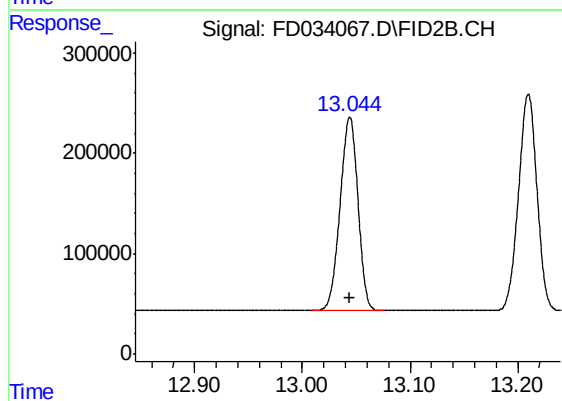
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: 0.000 min
Response: 2604358
Conc: 20.36 ug/ml



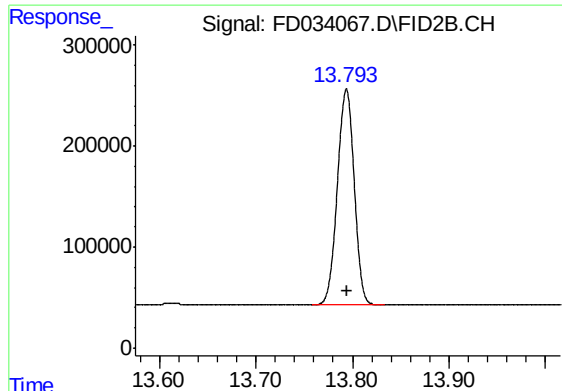
#11 n-Heneicosane (C21)

R.T.: 13.210 min
Delta R.T.: -0.002 min
Response: 2582923
Conc: 20.16 ug/ml



#12 1-chlorooctadecane (SURR)

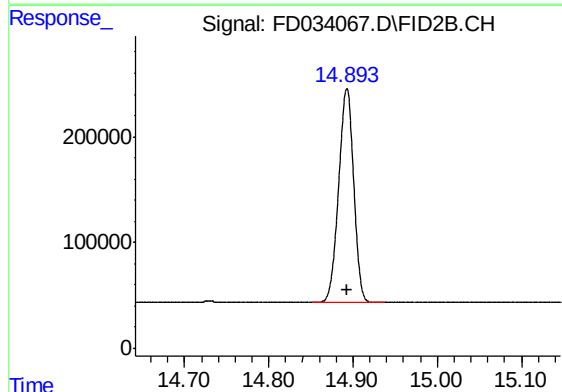
R.T.: 13.044 min
Delta R.T.: 0.000 min
Response: 2235750
Conc: 20.10 ug/ml



#13 n-Docosane (C22)

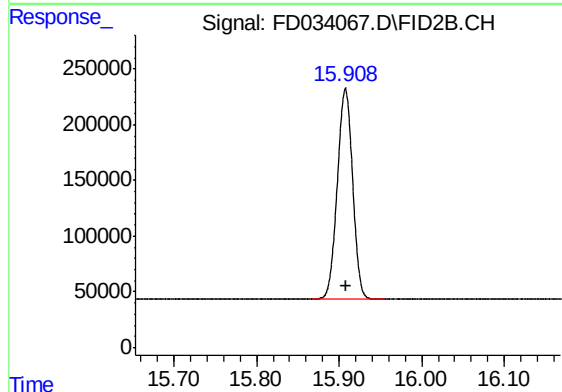
R.T.: 13.794 min
Delta R.T.: 0.000 min
Response: 2559526
Conc: 19.96 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



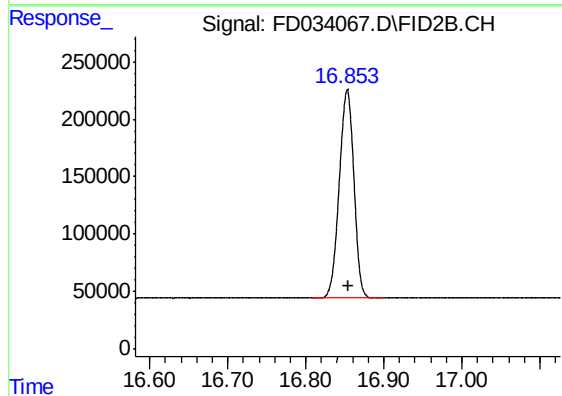
#14 n-Tetracosane (C24)

R.T.: 14.893 min
Delta R.T.: 0.000 min
Response: 2510472
Conc: 19.56 ug/ml



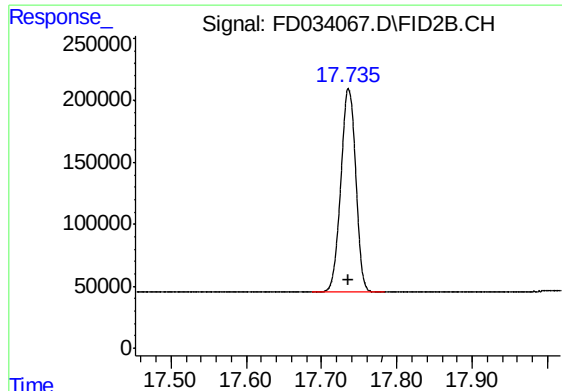
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.001 min
Response: 2425633
Conc: 19.06 ug/ml



#16 n-Octacosane (C28)

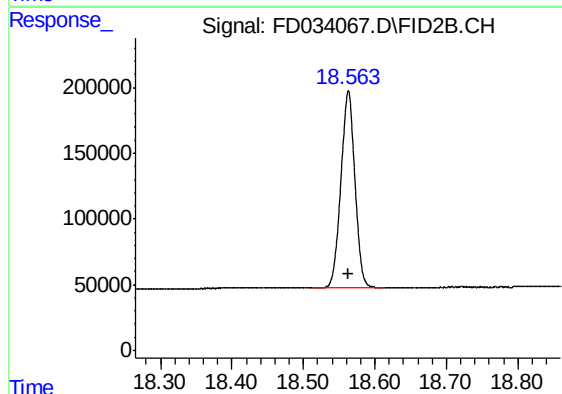
R.T.: 16.853 min
Delta R.T.: 0.000 min
Response: 2362198
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

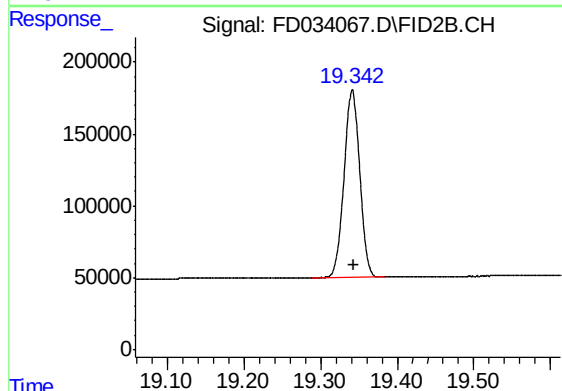
R.T.: 17.736 min
Delta R.T.: 0.000 min
Response: 2260084
Conc: 18.27 ug/ml

Instrument :
FID_D
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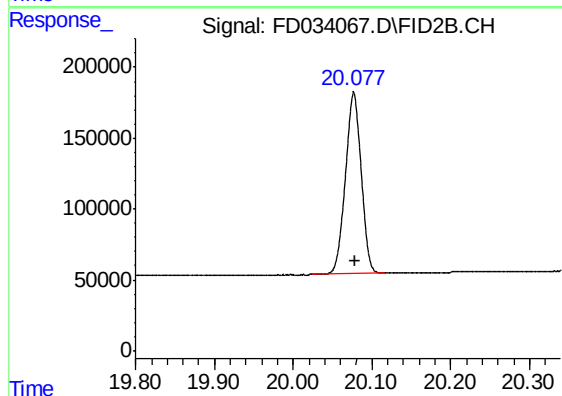
#18 n-Dotriacontane (C32)

R.T.: 18.563 min
Delta R.T.: 0.000 min
Response: 2033740
Conc: 18.05 ug/ml



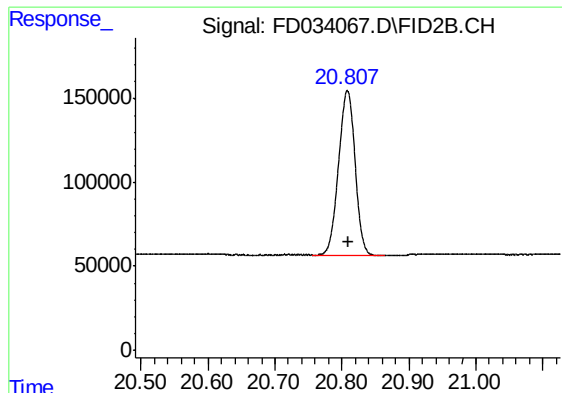
#19 n-Tetatriacontane (C34)

R.T.: 19.341 min
Delta R.T.: -0.002 min
Response: 1881308
Conc: 17.86 ug/ml



#20 n-Hexatriacontane (C36)

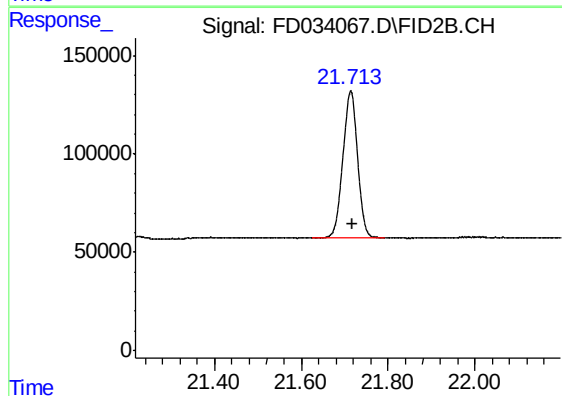
R.T.: 20.077 min
Delta R.T.: 0.000 min
Response: 1777683
Conc: 17.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.808 min
Delta R.T.: -0.001 min
Response: 1681690
Conc: 18.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: -0.003 min
Response: 1747722
Conc: 19.66 ug/ml