

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072121AL\
 Data File : FD038309.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jul 2021 13:54
 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

Manual Integrations
 APPROVED

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Integration File: sample.E
 Quant Time: Jul 22 01:09:11 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.411	3103143	21.468 ug/ml
Spiked Amount 50.000		Recovery =	42.94%
12) S 1-chlorooctadecane (S...	12.845	2373027	20.814 ug/ml
Spiked Amount 50.000		Recovery =	41.63%
Target Compounds			
1) T n-Nonane (C9)	3.225	2943155	24.220 ug/ml
2) T n-Decane (C10)	4.281	2982409	24.384 ug/ml
3) T A~Naphthalene (C11.7)	5.851	3267343	23.901 ug/ml
4) T n-Dodecane (C12)	6.287	3017196	24.225 ug/ml
5) T A~2-methylnaphthalene...	6.902	3261168	23.676 ug/ml
6) T n-Tetradecane (C14)	8.073	3055359	23.772 ug/ml
7) T n-Hexadecane (C16)	9.667	3036794	23.434 ug/ml
8) T n-Octadecane (C18)	11.101	3033509	22.525 ug/ml
10) T n-Eicosane (C20)	12.404	2917038	21.717 ug/ml
11) T n-Heneicosane (C21)	13.014	2878924	21.190 ug/ml
13) T n-Docosane (C22)	13.597	2840156	21.109 ug/ml
14) T n-Tetracosane (C24)	14.694	2819674	20.882 ug/ml
15) T n-Hexacosane (C26)	15.709	2685032	20.379 ug/ml
16) T n-Octacosane (C28)	16.656	2630659	20.176 ug/ml
17) T n-Tricontane (C30)	17.538	2601989	20.361 ug/ml
18) T n-Dotriacontane (C32)	18.367	2530810	20.568 ug/ml
19) T n-Tetratriacontane (C34)	19.147	2486542	21.234 ug/ml
20) T n-Hexatriacontane (C36)	19.883	2413456	22.100 ug/ml
21) T n-Octatriacontane (C38)	20.589	2345626	23.289 ug/ml
22) T n-Tetracontane (C40)	21.417	2400911	24.548 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
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ALS Vial : 52 Sample Multiplier: 1

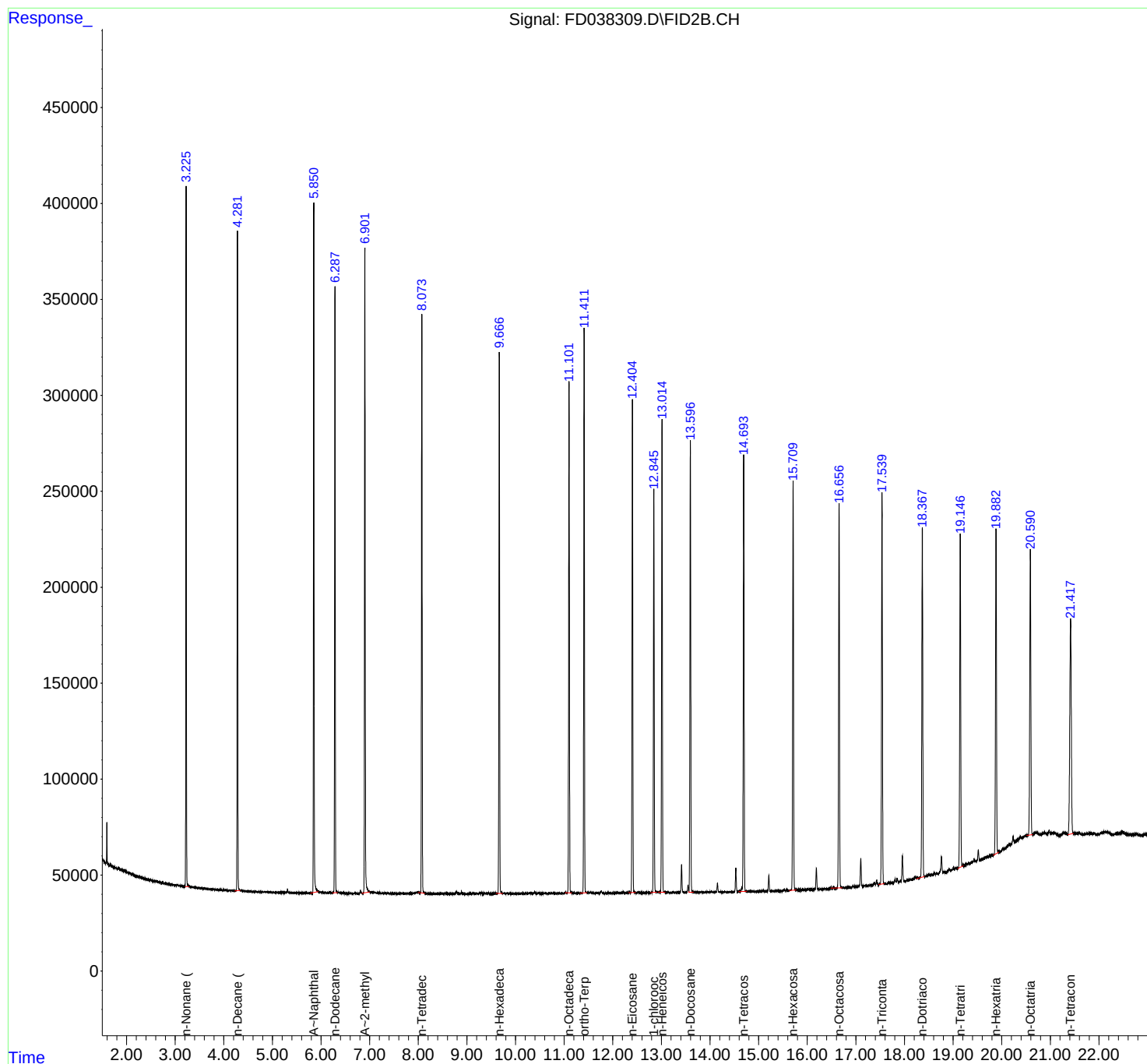
Instrument :
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20 PPM ALIPHATIC HC STD

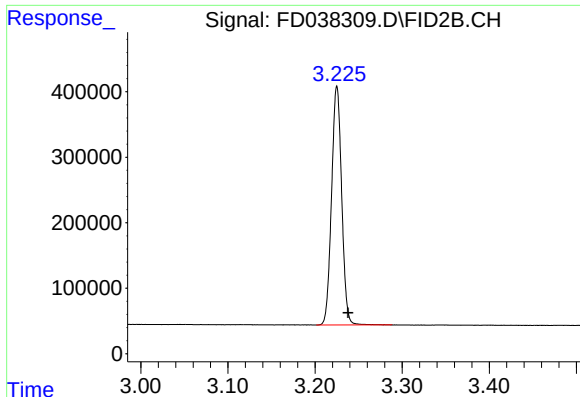
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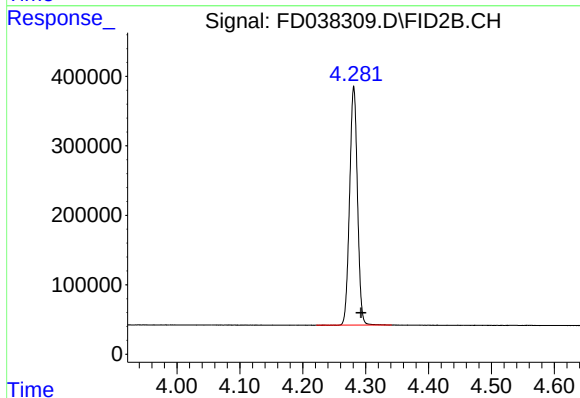
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.013 min
Response: 2943155
Conc: 24.22 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

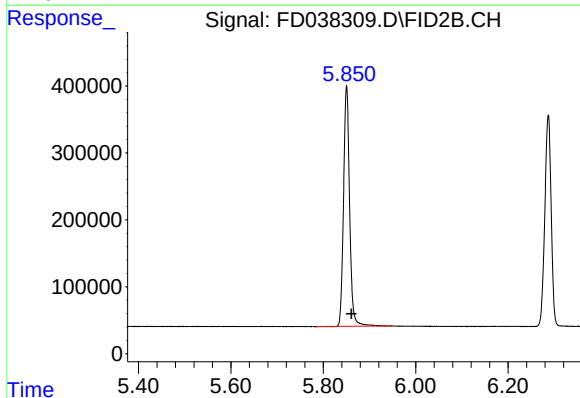
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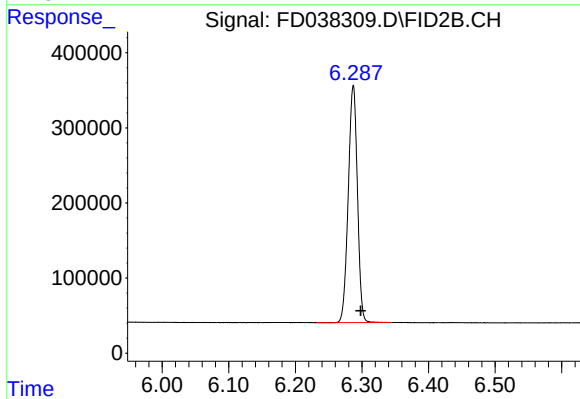
#2 n-Decane (C10)

R.T.: 4.281 min
Delta R.T.: -0.012 min
Response: 2982409
Conc: 24.38 ug/ml



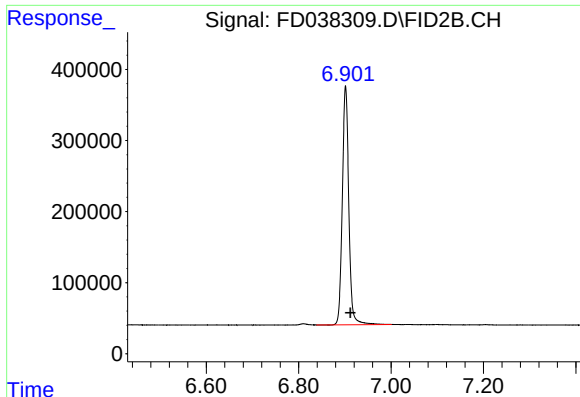
#3 A~Naphthalene (C11.7)

R.T.: 5.851 min
Delta R.T.: -0.011 min
Response: 3267343
Conc: 23.90 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.287 min
Delta R.T.: -0.011 min
Response: 3017196
Conc: 24.22 ug/ml



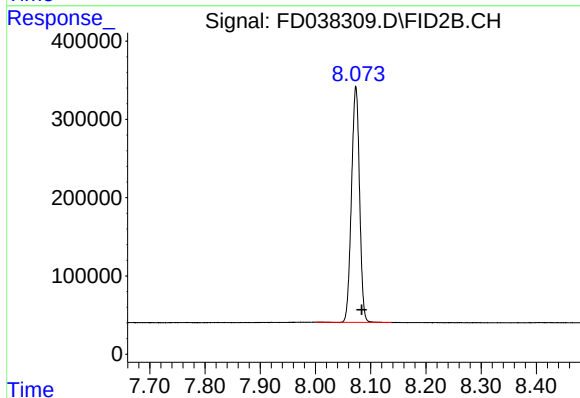
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.902 min
Delta R.T.: -0.010 min
Response: 3261168
Conc: 23.68 ug/ml

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20 PPM ALIPHATIC HC STD

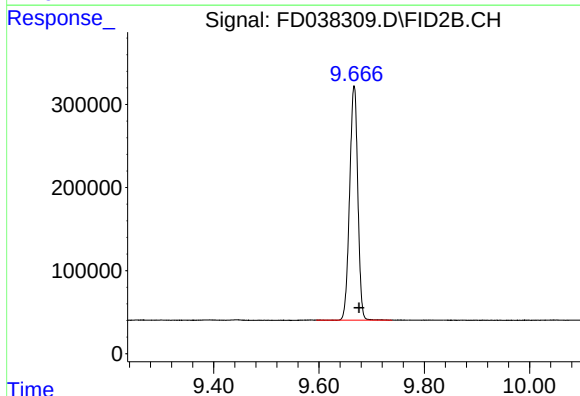
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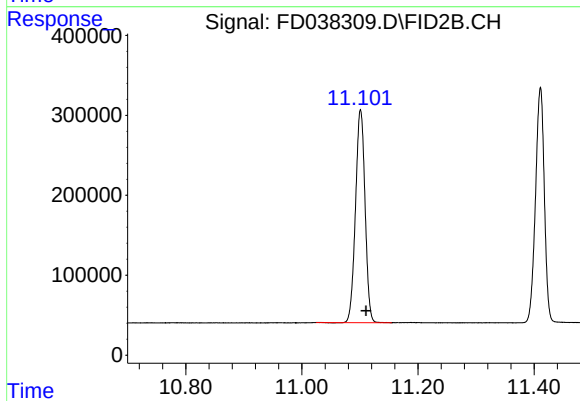
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: -0.011 min
Response: 3055359
Conc: 23.77 ug/ml



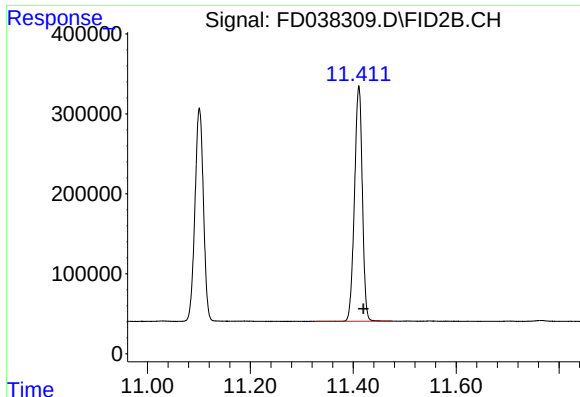
#7 n-Hexadecane (C16)

R.T.: 9.667 min
Delta R.T.: -0.010 min
Response: 3036794
Conc: 23.43 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.101 min
Delta R.T.: -0.010 min
Response: 3033509
Conc: 22.52 ug/ml



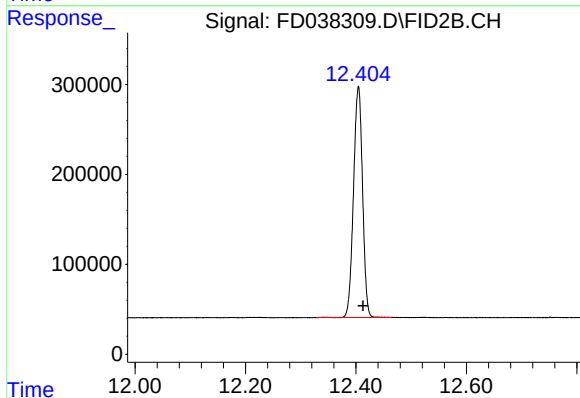
#9 ortho-Terphenyl (SURR)

R.T.: 11.411 min
Delta R.T.: -0.009 min
Response: 3103143
Conc: 21.47 ug/ml

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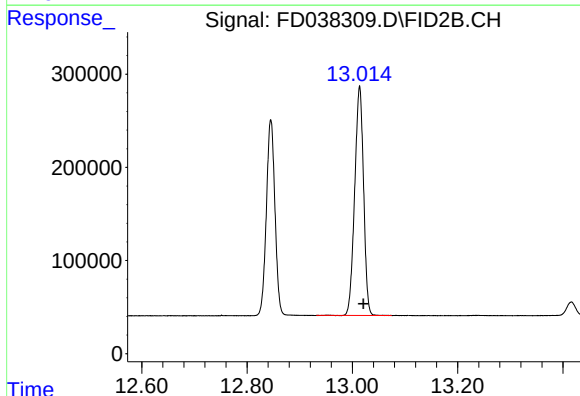
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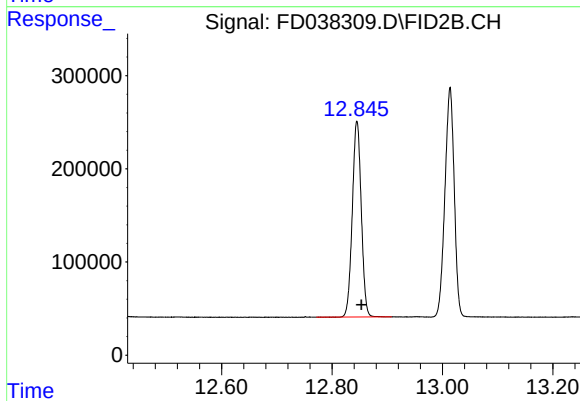
#10 n-Eicosane (C20)

R.T.: 12.404 min
Delta R.T.: -0.008 min
Response: 2917038
Conc: 21.72 ug/ml



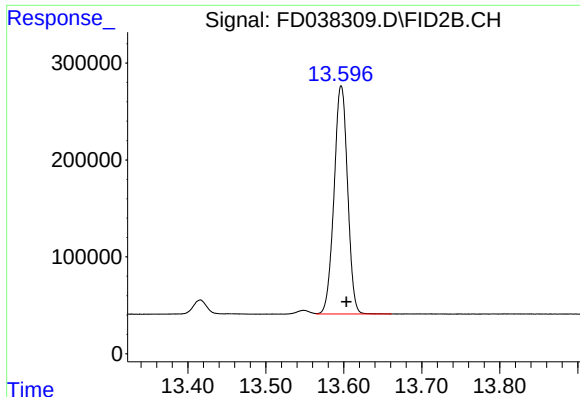
#11 n-Heneicosane (C21)

R.T.: 13.014 min
Delta R.T.: -0.007 min
Response: 2878924
Conc: 21.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.845 min
Delta R.T.: -0.008 min
Response: 2373027
Conc: 20.81 ug/ml



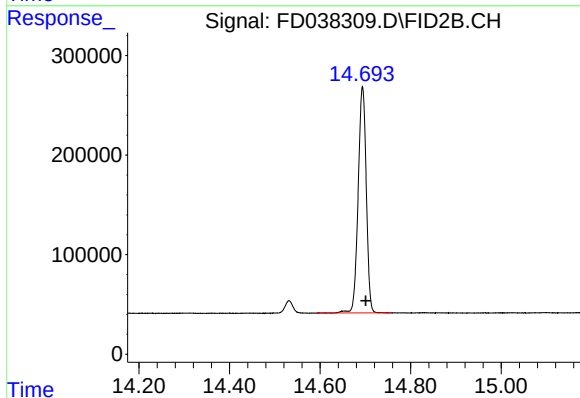
#13 n-Docosane (C22)

R.T.: 13.597 min
Delta R.T.: -0.007 min
Response: 2840156
Conc: 21.11 ug/ml

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20 PPM ALIPHATIC HC STD

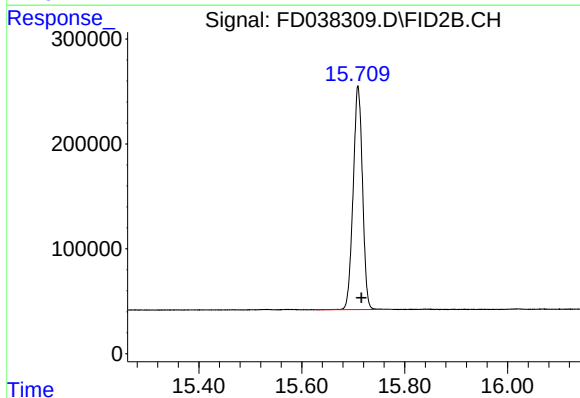
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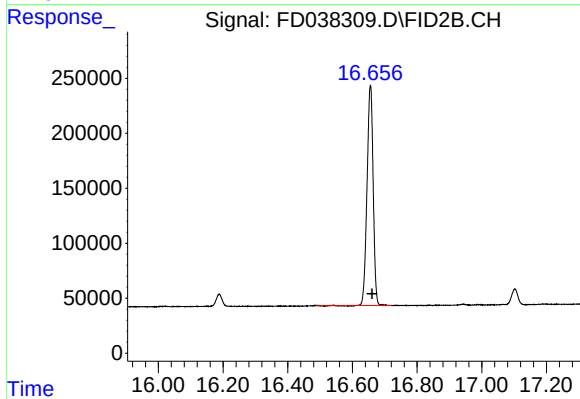
#14 n-Tetracosane (C24)

R.T.: 14.694 min
Delta R.T.: -0.007 min
Response: 2819674
Conc: 20.88 ug/ml



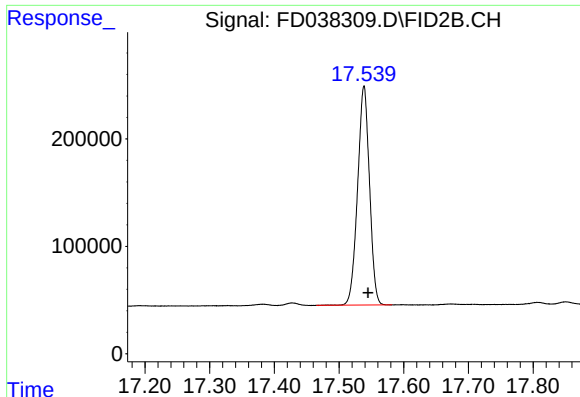
#15 n-Hexacosane (C26)

R.T.: 15.709 min
Delta R.T.: -0.007 min
Response: 2685032
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.656 min
Delta R.T.: -0.006 min
Response: 2630659
Conc: 20.18 ug/ml



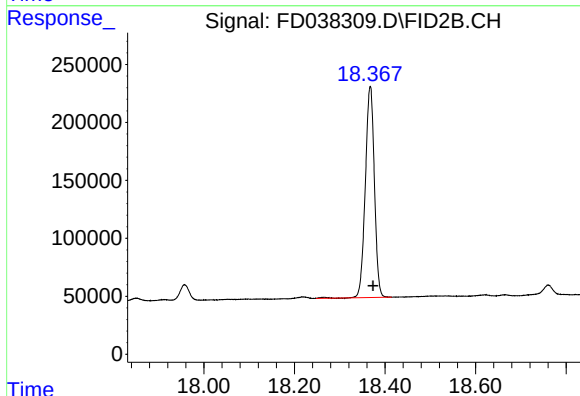
#17 n-Tricontane (C30)

R.T.: 17.538 min
Delta R.T.: -0.007 min
Response: 2601989
Conc: 20.36 ug/ml

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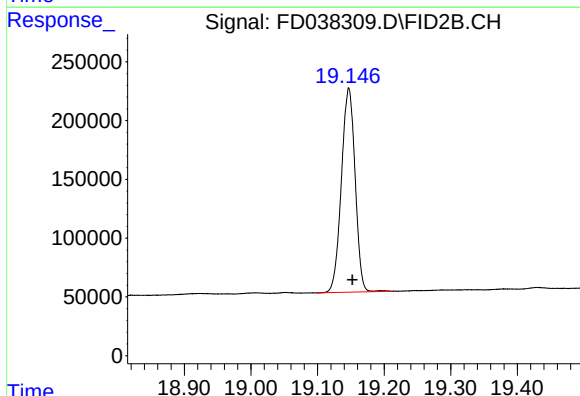
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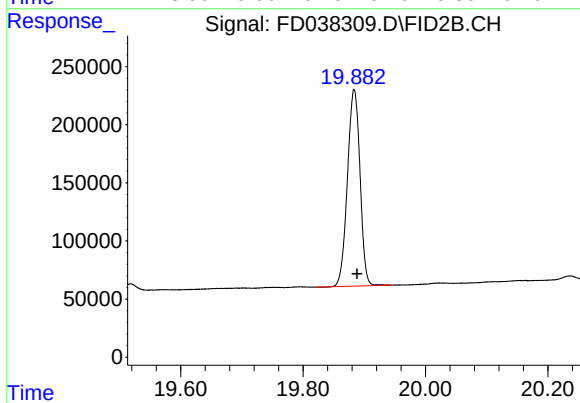
#18 n-Dotriacontane (C32)

R.T.: 18.367 min
Delta R.T.: -0.006 min
Response: 2530810
Conc: 20.57 ug/ml



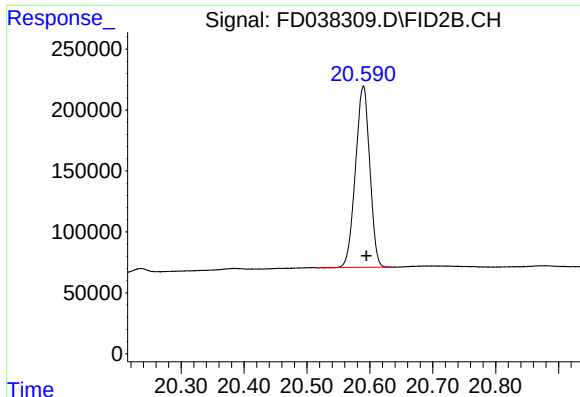
#19 n-Tetratriacontane (C34)

R.T.: 19.147 min
Delta R.T.: -0.005 min
Response: 2486542
Conc: 21.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.883 min
Delta R.T.: -0.005 min
Response: 2413456
Conc: 22.10 ug/ml



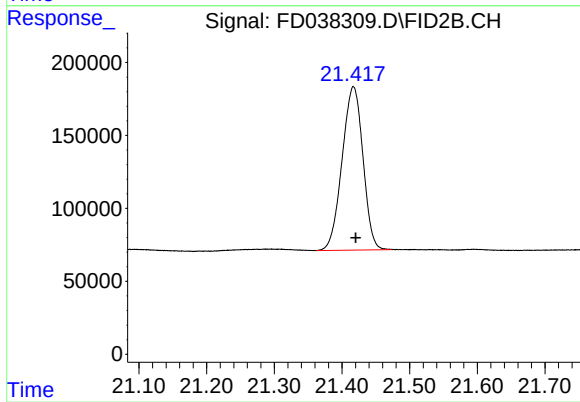
#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: -0.005 min
Response: 2345626
Conc: 23.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.417 min
Delta R.T.: -0.004 min
Response: 2400911
Conc: 24.55 ug/ml m