

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101019AL\
 Data File : FD030986.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2019 6:05
 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

Manual Integrations
 APPROVED

Ankita
 10/14/2019 8:32:43 AM

Integration File: autoint1.e
 Quant Time: Oct 11 07:27:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 03:19:09 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)	11.448	3031030	21.608 ug/ml
Spiked Amount 50.000		Recovery =	43.22%
12) S 1-chlorooctadecane (S...	12.877	2291911	21.123 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T n-Nonane (C9)	3.277	2834347	24.127 ug/ml
2) T n-Decane (C10)	4.332	2841202	24.199 ug/ml
3) T A-Naphthalene (C11.7)	5.902	3098232	23.745 ug/ml
4) T n-Dodecane (C12)	6.335	2877746	24.183 ug/ml
5) T A~2-methylnaphthalene...	6.951	3100401	23.519 ug/ml
6) T n-Tetradecane (C14)	8.117	2874112	23.851 ug/ml
7) T n-Hexadecane (C16)	9.706	2850567	23.309 ug/ml
8) T n-Octadecane (C18)	11.137	2818144	22.624 ug/ml
10) T n-Eicosane (C20)	12.436	2747490	21.788 ug/ml
11) T n-Heneicosane (C21)	13.043	2722176	21.291 ug/ml
13) T n-Docosane (C22)	13.625	2676376	20.892 ug/ml
14) T n-Tetracosane (C24)	14.718	2610242	20.116 ug/ml
15) T n-Hexacosane (C26)	15.730	2511437	19.341 ug/ml
16) T n-Octacosane (C28)	16.672	2446522	18.897 ug/ml
17) T n-Tricontane (C30)	17.552	2405249	18.514 ug/ml
18) T n-Dotriacontane (C32)	18.376	2329409	18.495 ug/ml
19) T n-Tetratriacontane (C34)	19.153	2284757	18.773 ug/ml
20) T n-Hexatriacontane (C36)	19.885	2201754	19.089 ug/ml
21) T n-Octatriacontane (C38)	20.589	2102958	19.939 ug/ml
22) T n-Tetracontane (C40)	21.422	2152985	20.348 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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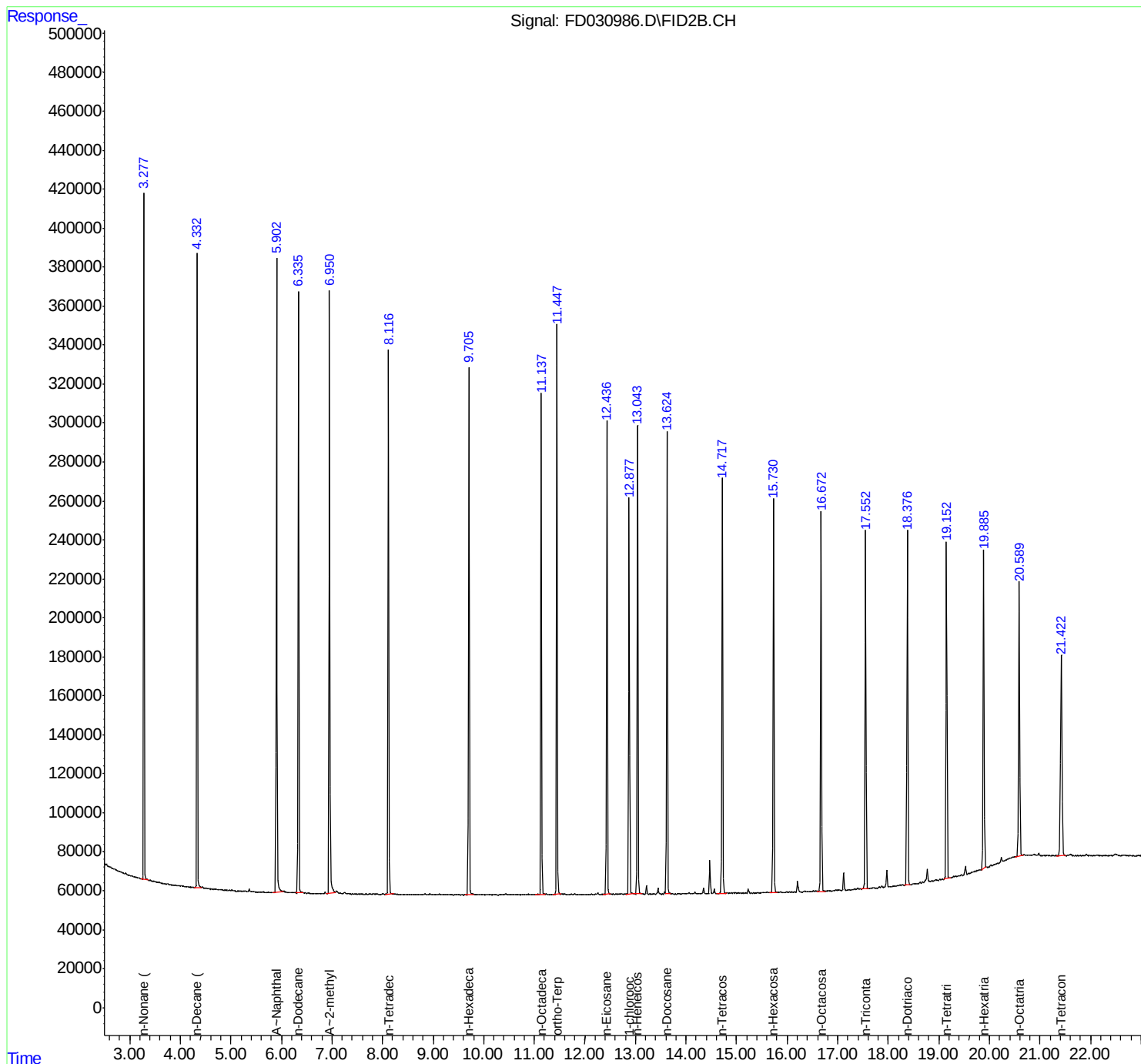
Instrument :
FID_D
ClientSampled :
20 PPM ALIPHATIC HC STD

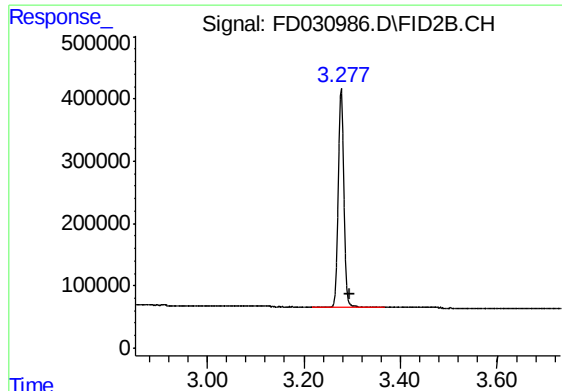
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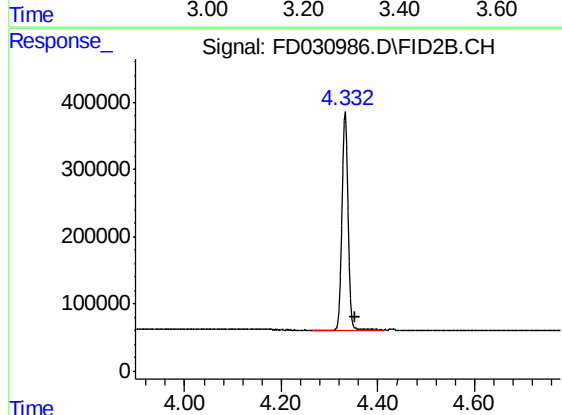
#1 n-Nonane (C9)

R.T.: 3.277 min
Delta R.T.: -0.018 min
Response: 2834347
Conc: 24.13 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD

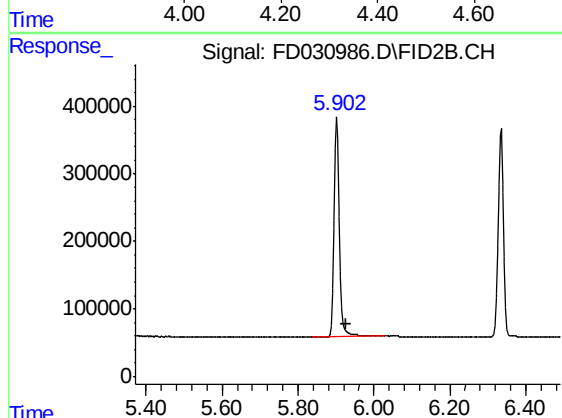
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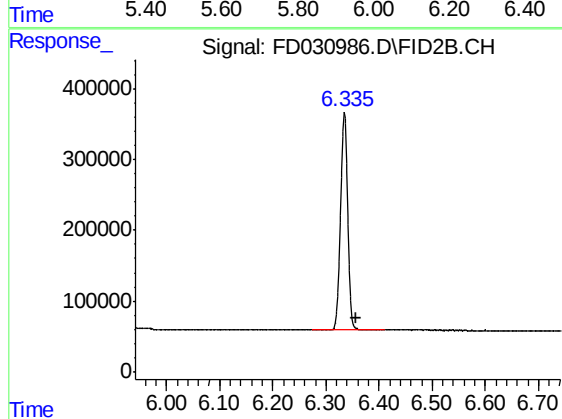
#2 n-Decane (C10)

R.T.: 4.332 min
Delta R.T.: -0.020 min
Response: 2841202
Conc: 24.20 ug/ml



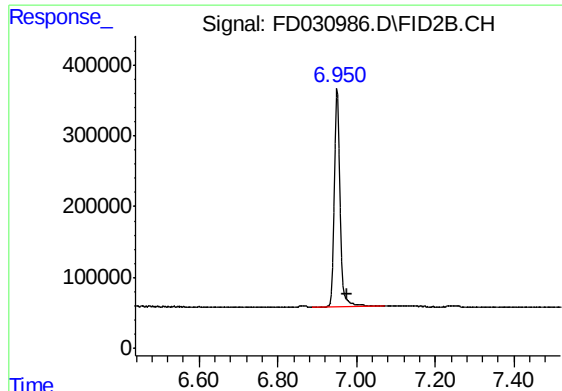
#3 A~Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.023 min
Response: 3098232
Conc: 23.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.335 min
Delta R.T.: -0.023 min
Response: 2877746
Conc: 24.18 ug/ml



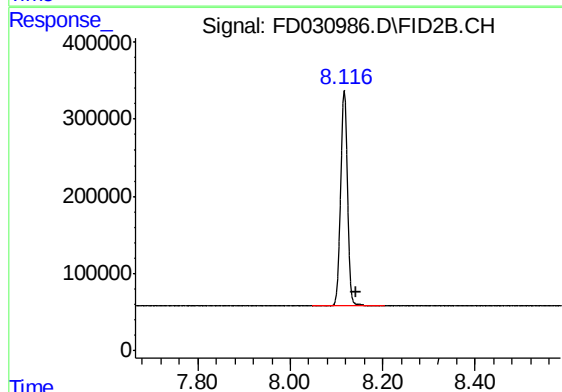
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.951 min
Delta R.T.: -0.026 min
Response: 3100401
Conc: 23.52 ug/ml

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20 PPM ALIPHATIC HC STD

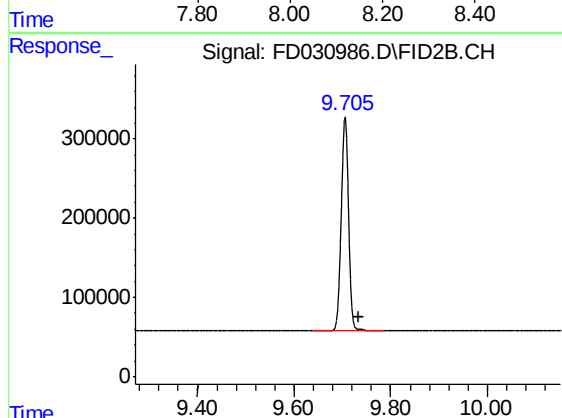
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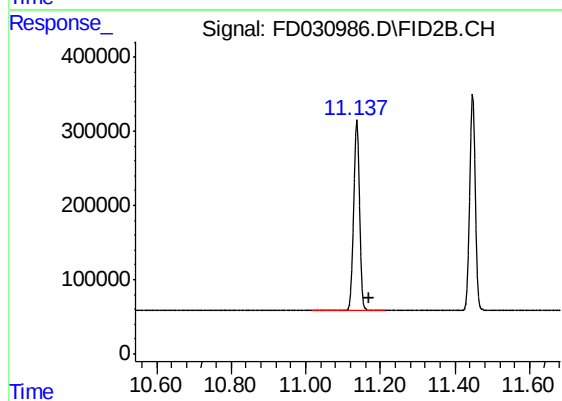
#6 n-Tetradecane (C14)

R.T.: 8.117 min
Delta R.T.: -0.026 min
Response: 2874112
Conc: 23.85 ug/ml



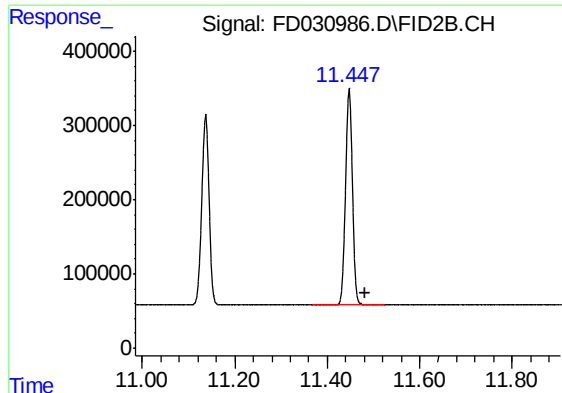
#7 n-Hexadecane (C16)

R.T.: 9.706 min
Delta R.T.: -0.029 min
Response: 2850567
Conc: 23.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.137 min
Delta R.T.: -0.032 min
Response: 2818144
Conc: 22.62 ug/ml



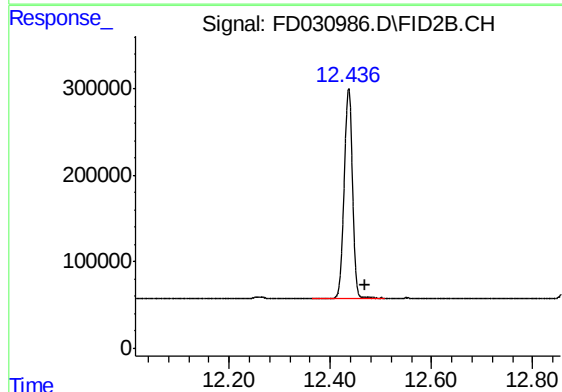
#9 ortho-Terphenyl (SURR)

R.T.: 11.448 min
Delta R.T.: -0.034 min
Response: 3031030
Conc: 21.61 ug/ml

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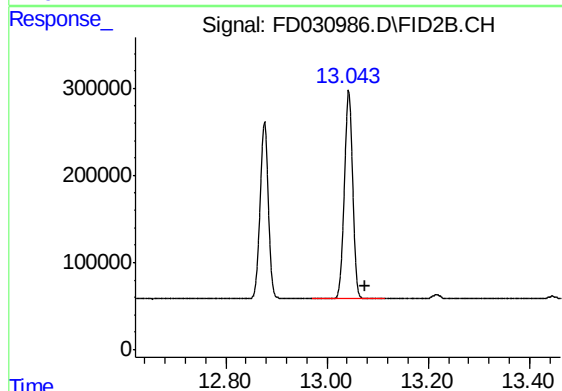
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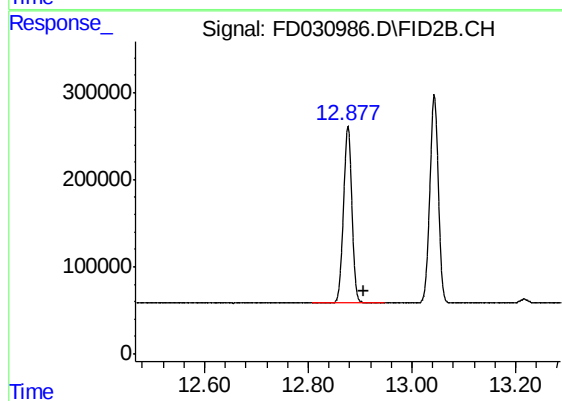
#10 n-Eicosane (C20)

R.T.: 12.436 min
Delta R.T.: -0.031 min
Response: 2747490
Conc: 21.79 ug/ml



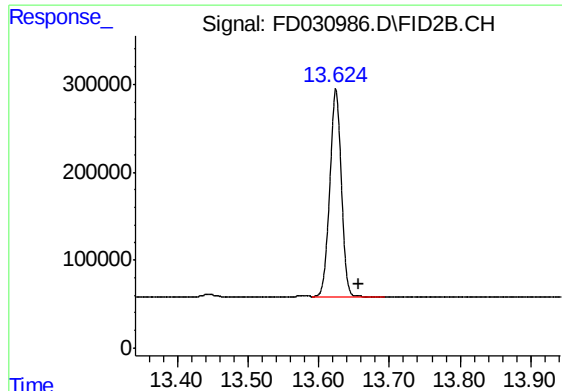
#11 n-Heneicosane (C21)

R.T.: 13.043 min
Delta R.T.: -0.032 min
Response: 2722176
Conc: 21.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.877 min
Delta R.T.: -0.031 min
Response: 2291911
Conc: 21.12 ug/ml



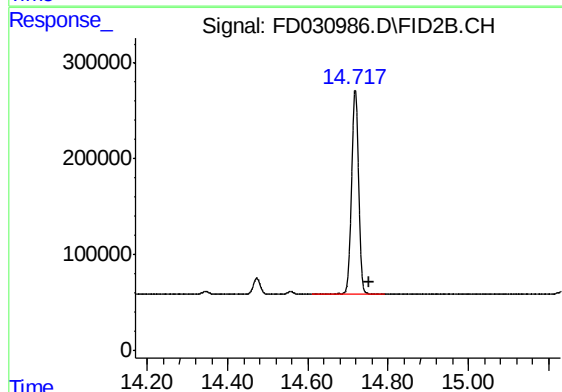
#13 n-Docosane (C22)

R.T.: 13.625 min
Delta R.T.: -0.033 min
Response: 2676376
Conc: 20.89 ug/ml

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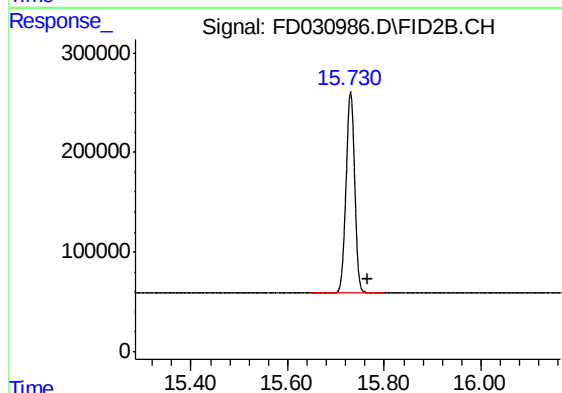
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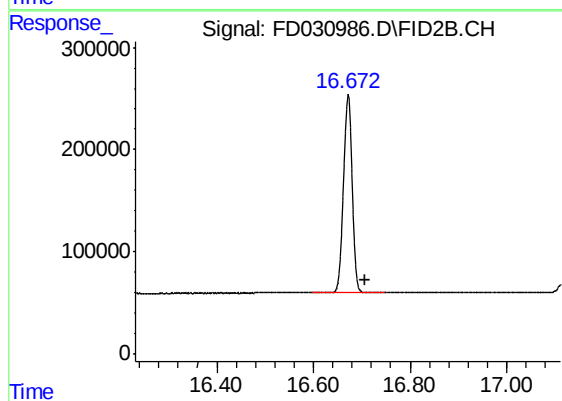
#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.034 min
Response: 2610242
Conc: 20.12 ug/ml



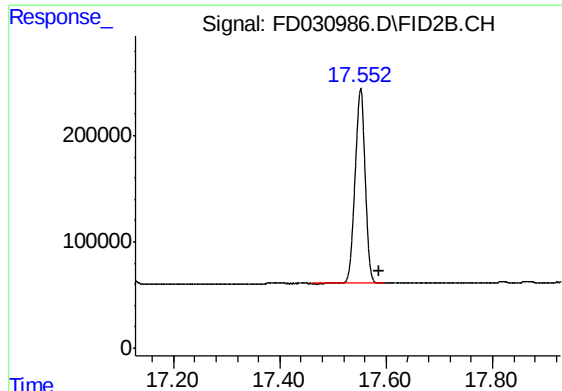
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: -0.034 min
Response: 2511437
Conc: 19.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.672 min
Delta R.T.: -0.035 min
Response: 2446522
Conc: 18.90 ug/ml



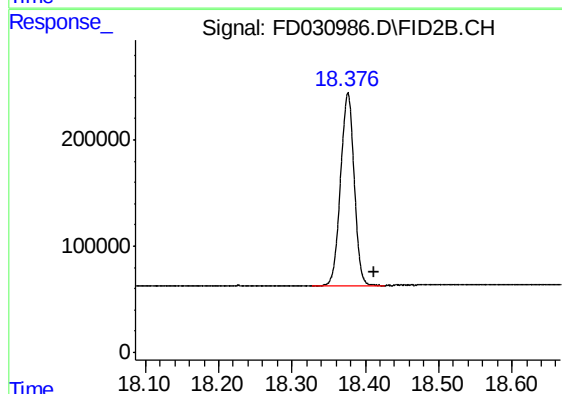
#17 n-Tricontane (C30)

R.T.: 17.552 min
Delta R.T.: -0.035 min
Response: 2405249
Conc: 18.51 ug/ml

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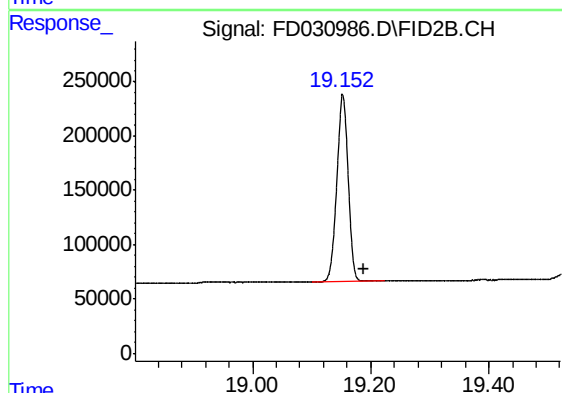
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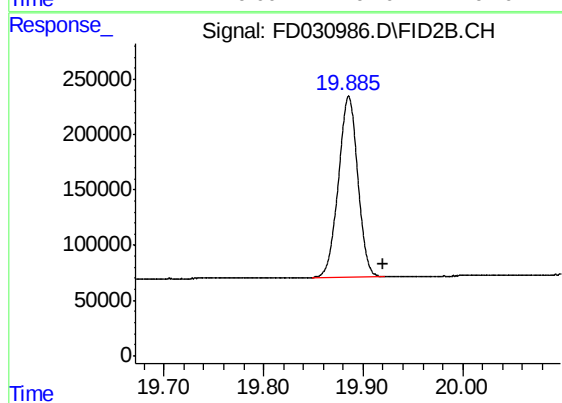
#18 n-Dotriacontane (C32)

R.T.: 18.376 min
Delta R.T.: -0.035 min
Response: 2329409
Conc: 18.49 ug/ml



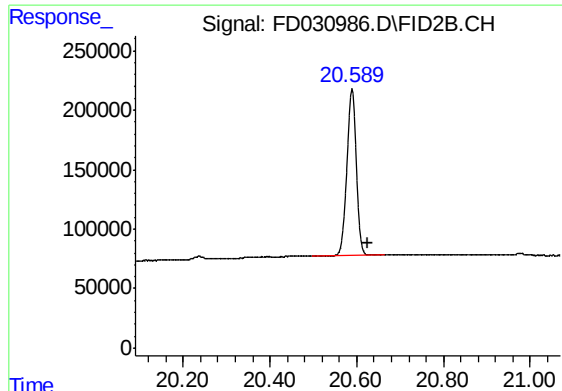
#19 n-Tetatriacontane (C34)

R.T.: 19.153 min
Delta R.T.: -0.035 min
Response: 2284757
Conc: 18.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.885 min
Delta R.T.: -0.035 min
Response: 2201754
Conc: 19.09 ug/ml m



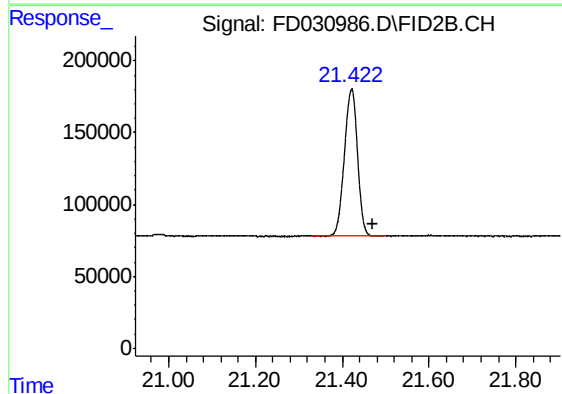
#21 n-Octatriacontane (C38)

R.T.: 20.589 min
Delta R.T.: -0.037 min
Response: 2102958
Conc: 19.94 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.422 min
Delta R.T.: -0.048 min
Response: 2152985
Conc: 20.35 ug/ml