

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090419AL\
 Data File : FD030499.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2019 20:36
 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
 9/5/2019 1:39:40 PM

Integration File: autoint1.e
 Quant Time: Sep 05 02:33:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 090319.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 04 04:22:49 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)	11.509	2903326	19.961 ug/ml
Spiked Amount 50.000		Recovery =	39.92%
12) S 1-chlorooctadecane (S...	12.936	2175794	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
Target Compounds			
1) T n-Nonane (C9)	3.320	2564902	20.549 ug/ml
2) T n-Decane (C10)	4.378	2575169	20.582 ug/ml
3) T A-Naphthalene (C11.7)	5.953	2893413	20.633 ug/ml
4) T n-Dodecane (C12)	6.385	2607399	20.609 ug/ml
5) T A~2-methylnaphthalene...	7.004	2934529	20.705 ug/ml
6) T n-Tetradecane (C14)	8.170	2608755	20.499 ug/ml
7) T n-Hexadecane (C16)	9.761	2611654	20.460 ug/ml
8) T n-Octadecane (C18)	11.194	2594696	20.240 ug/ml
10) T n-Eicosane (C20)	12.495	2555213	20.051 ug/ml
11) T n-Heneicosane (C21)	13.103	2556777	19.986 ug/ml
13) T n-Docosane (C22)	13.685	2529710	19.861 ug/ml
14) T n-Tetracosane (C24)	14.781	2488281	19.595 ug/ml
15) T n-Hexacosane (C26)	15.794	2397404	19.274 ug/ml
16) T n-Octacosane (C28)	16.735	2307100	18.922 ug/ml
17) T n-Tricontane (C30)	17.615	2234942	18.798 ug/mlm
18) T n-Dotriacontane (C32)	18.441	2186656	19.071 ug/mlm
19) T n-Tetratriacontane (C34)	19.217	2083447	19.191 ug/mlm
20) T n-Hexatriacontane (C36)	19.951	2130257	20.753 ug/mlm
21) T n-Octatriacontane (C38)	20.661	1938966	19.983 ug/ml
22) T n-Tetracontane (C40)	21.515	2445089	23.845 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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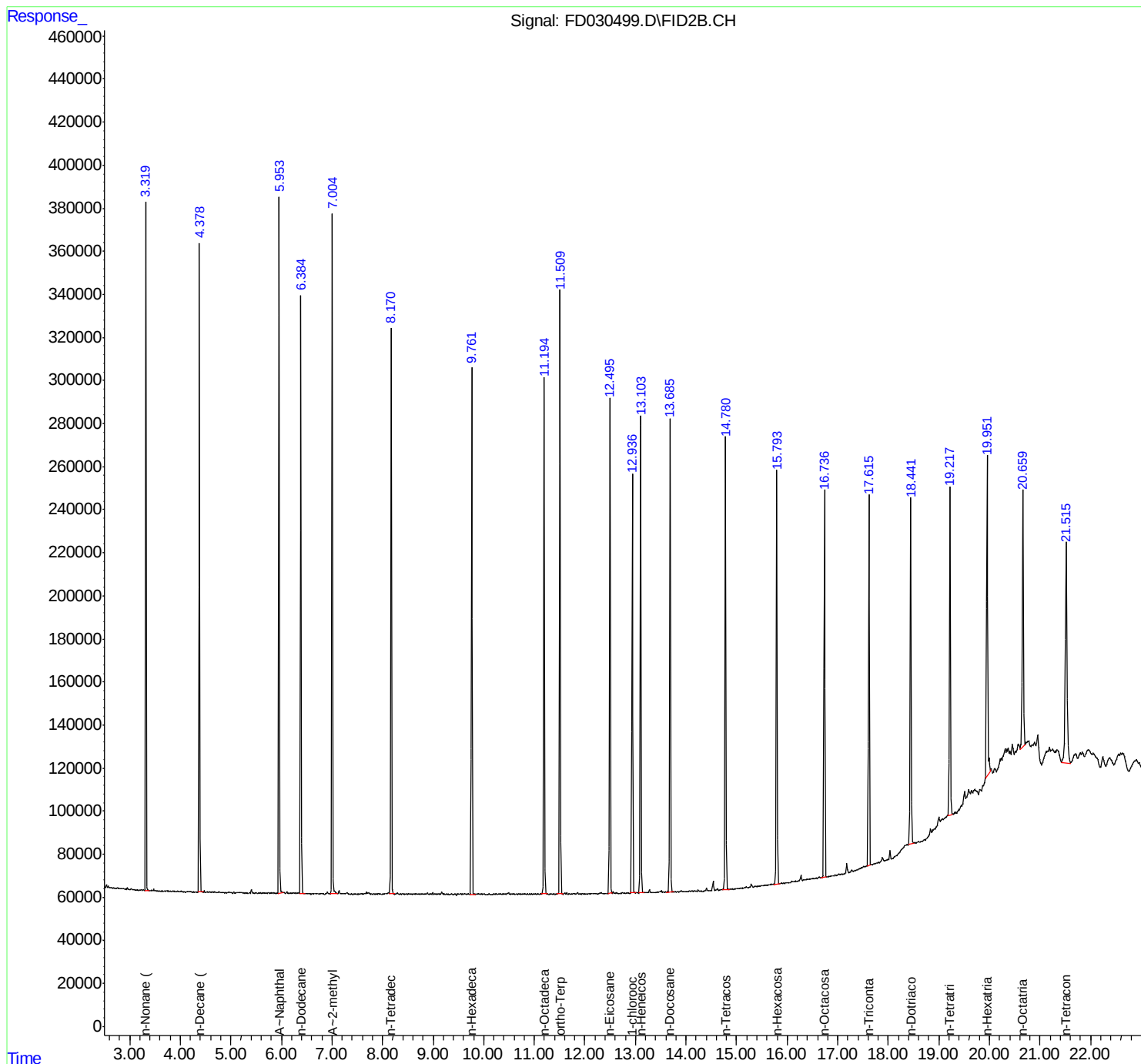
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20 PPM ALIPHATIC HC STD

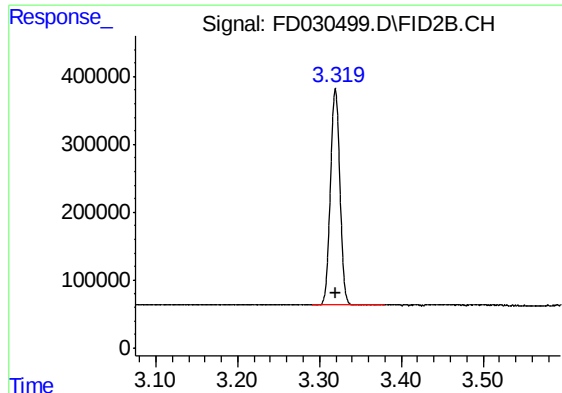
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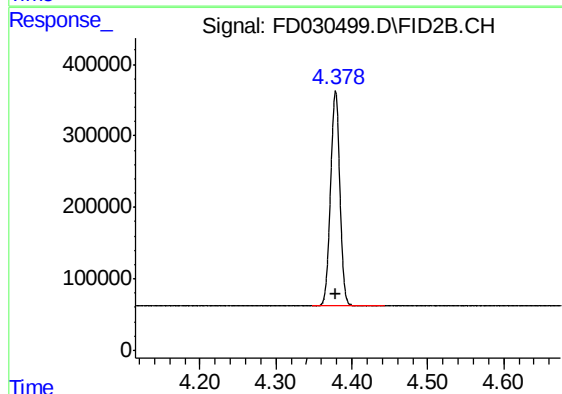
#1 n-Nonane (C9)

R.T.: 3.320 min
Delta R.T.: 0.000 min
Response: 2564902
Conc: 20.55 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

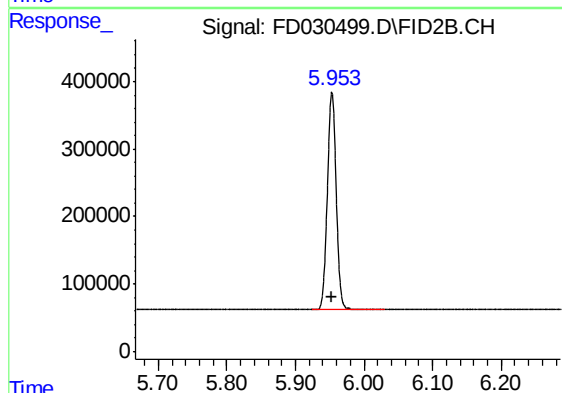
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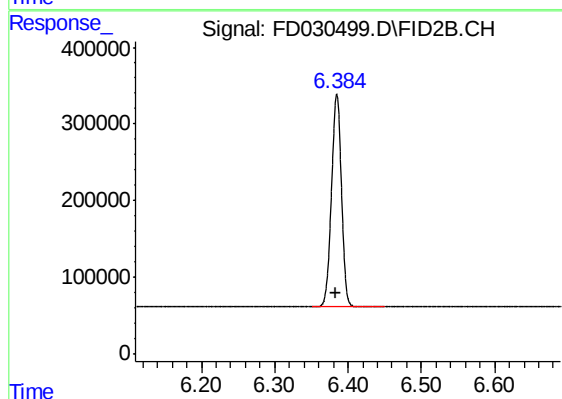
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 2575169
Conc: 20.58 ug/ml



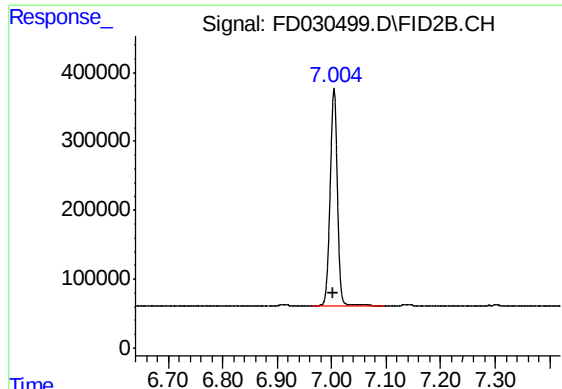
#3 A~Naphthalene (C11.7)

R.T.: 5.953 min
Delta R.T.: 0.000 min
Response: 2893413
Conc: 20.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.385 min
Delta R.T.: 0.001 min
Response: 2607399
Conc: 20.61 ug/ml



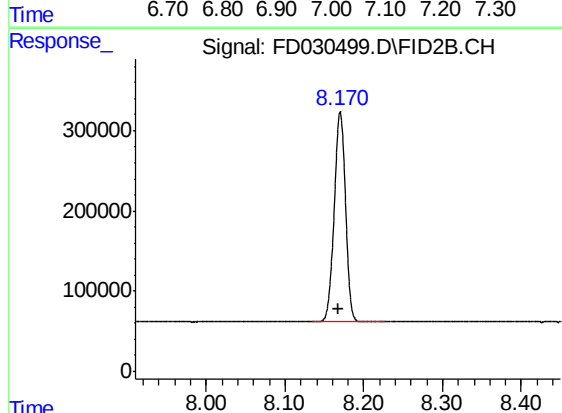
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: 0.002 min
Response: 2934529
Conc: 20.71 ug/ml

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20 PPM ALIPHATIC HC STD

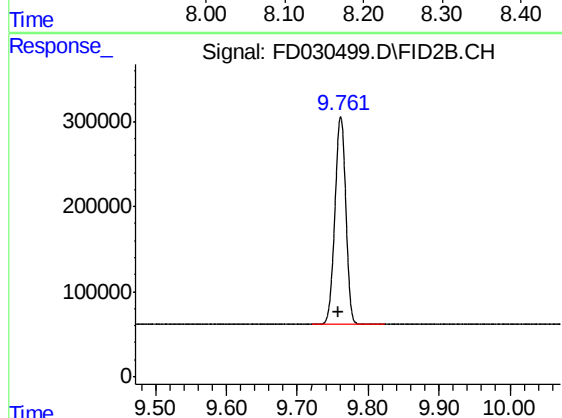
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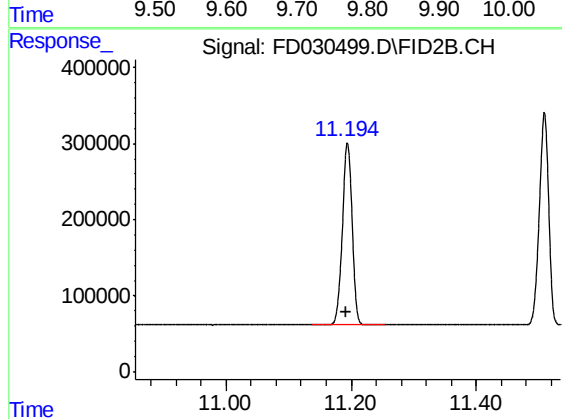
#6 n-Tetradecane (C14)

R.T.: 8.170 min
Delta R.T.: 0.002 min
Response: 2608755
Conc: 20.50 ug/ml



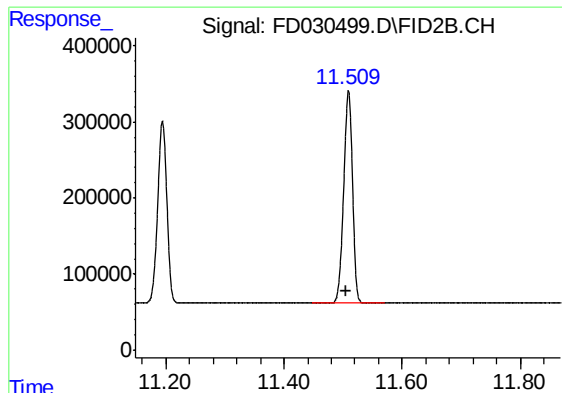
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: 0.003 min
Response: 2611654
Conc: 20.46 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.194 min
Delta R.T.: 0.003 min
Response: 2594696
Conc: 20.24 ug/ml



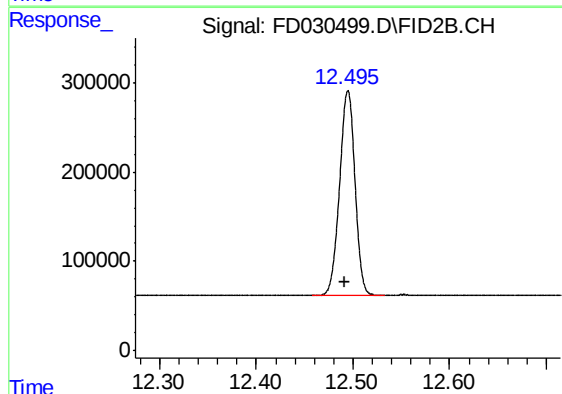
#9 ortho-Terphenyl (SURR)

R.T.: 11.509 min
Delta R.T.: 0.004 min
Response: 2903326
Conc: 19.96 ug/ml

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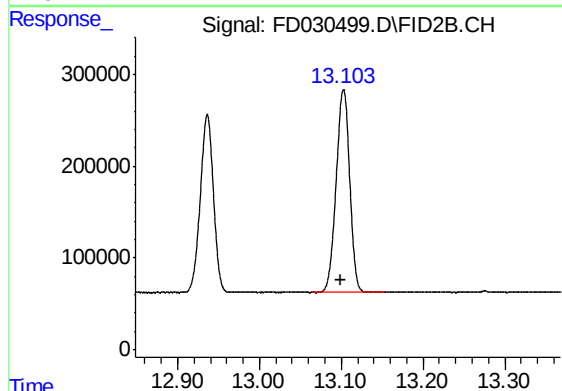
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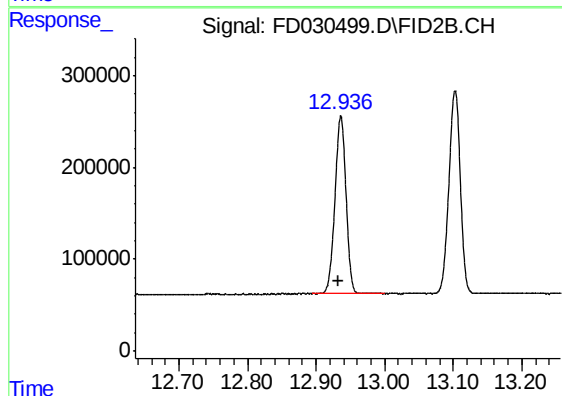
#10 n-Eicosane (C20)

R.T.: 12.495 min
Delta R.T.: 0.003 min
Response: 2555213
Conc: 20.05 ug/ml



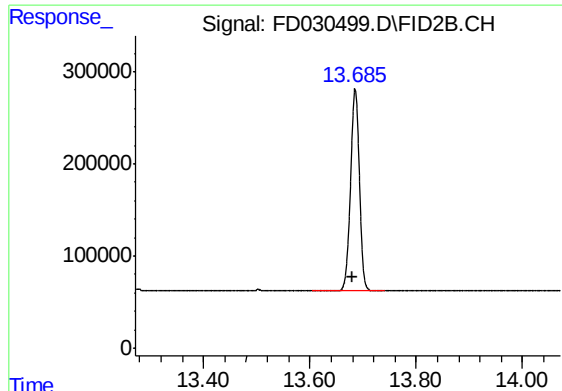
#11 n-Heneicosane (C21)

R.T.: 13.103 min
Delta R.T.: 0.004 min
Response: 2556777
Conc: 19.99 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.936 min
Delta R.T.: 0.004 min
Response: 2175794
Conc: 19.92 ug/ml



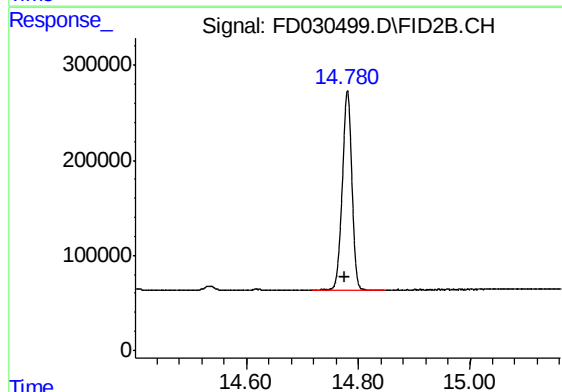
#13 n-Docosane (C22)

R.T.: 13.685 min
Delta R.T.: 0.004 min
Response: 2529710
Conc: 19.86 ug/ml

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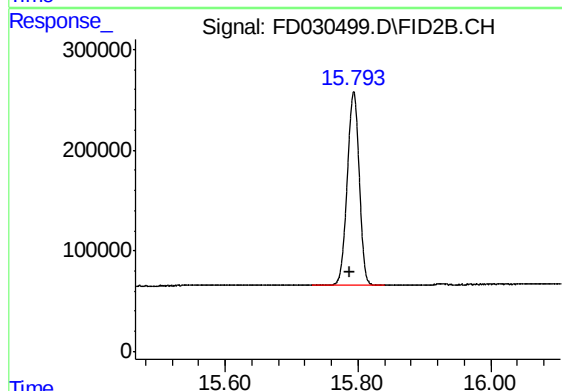
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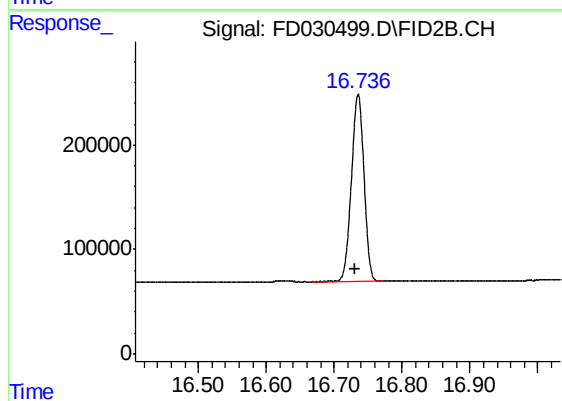
#14 n-Tetracosane (C24)

R.T.: 14.781 min
Delta R.T.: 0.006 min
Response: 2488281
Conc: 19.60 ug/ml



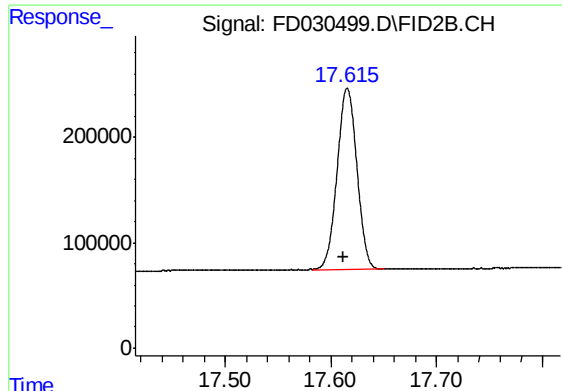
#15 n-Hexacosane (C26)

R.T.: 15.794 min
Delta R.T.: 0.005 min
Response: 2397404
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.735 min
Delta R.T.: 0.005 min
Response: 2307100
Conc: 18.92 ug/ml



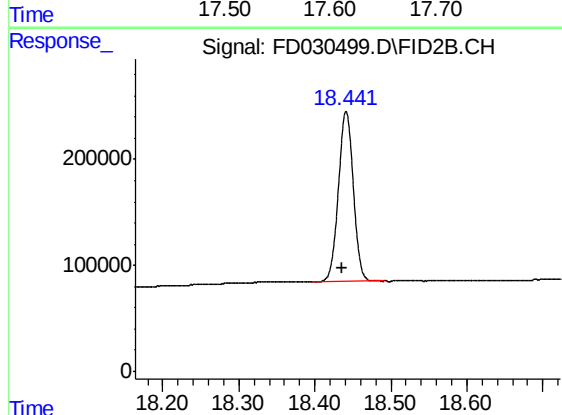
#17 n-Tricontane (C30)

R.T.: 17.615 min
Delta R.T.: 0.004 min
Response: 2234942
Conc: 18.80 ug/ml m

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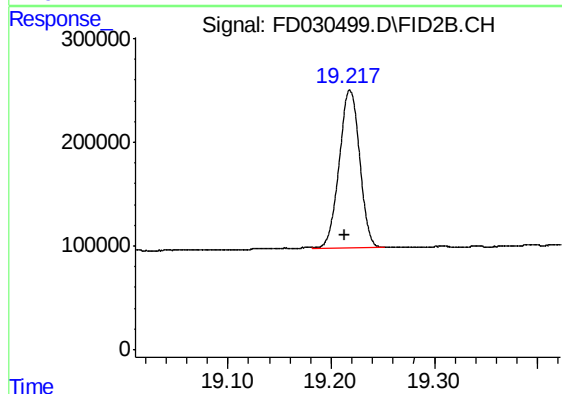
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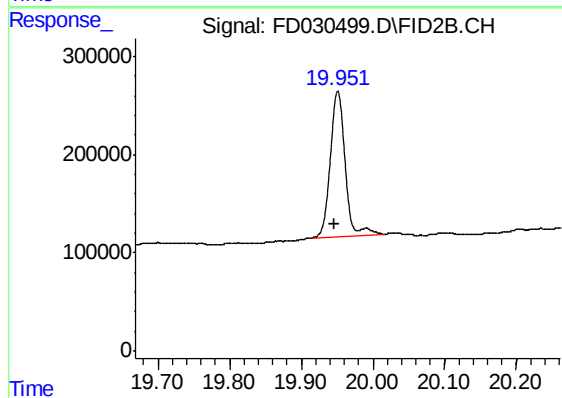
#18 n-Dotriacontane (C32)

R.T.: 18.441 min
Delta R.T.: 0.005 min
Response: 2186656
Conc: 19.07 ug/ml m



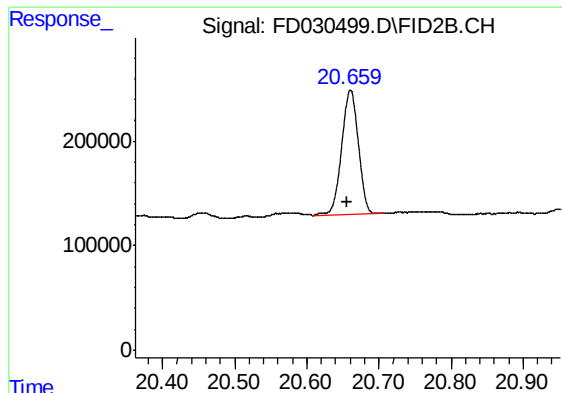
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.005 min
Response: 2083447
Conc: 19.19 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.951 min
Delta R.T.: 0.004 min
Response: 2130257
Conc: 20.75 ug/ml m



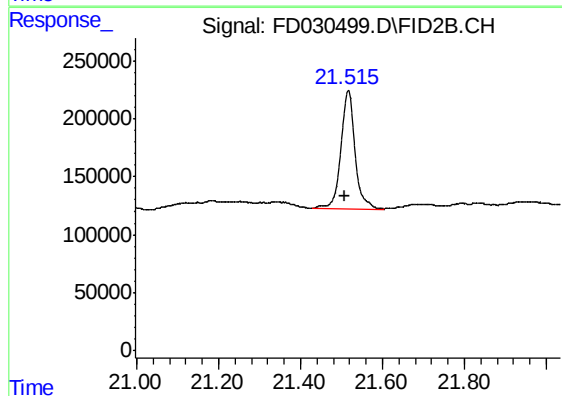
#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.004 min
Response: 1938966
Conc: 19.98 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.515 min
Delta R.T.: 0.006 min
Response: 2445089
Conc: 23.85 ug/ml m