

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AL\
 Data File : FD036513.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 4:00
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Ankita
 3/24/2021 9:25:39 AM

Integration File: autoint1.e
 Quant Time: Mar 24 09:12:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.495	3070979	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
12) S 1-chlorooctadecane (S...	12.926	2411041	20.717 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
Target Compounds			
1) T n-Nonane (C9)	3.296	2618075	20.596 ug/ml
2) T n-Decane (C10)	4.357	2660705	20.649 ug/ml
3) T A~Naphthalene (C11.7)	5.930	3015932	20.656 ug/ml
4) T n-Dodecane (C12)	6.366	2737632	20.652 ug/ml
5) T A~2-methylnaphthalene...	6.982	3092639	20.655 ug/ml
6) T n-Tetradecane (C14)	8.153	2797927	20.585 ug/ml
7) T n-Hexadecane (C16)	9.747	2762274	20.742 ug/ml
8) T n-Octadecane (C18)	11.183	2876402	20.765 ug/ml
10) T n-Eicosane (C20)	12.485	2874884	20.797 ug/ml
11) T n-Heneicosane (C21)	13.094	2852606	20.720 ug/ml
13) T n-Docosane (C22)	13.676	2818755	20.723 ug/ml
14) T n-Tetracosane (C24)	14.773	2740435	20.670 ug/ml
15) T n-Hexacosane (C26)	15.788	2609619	20.610 ug/ml
16) T n-Octacosane (C28)	16.732	2474973	20.522 ug/ml
17) T n-Tricontane (C30)	17.613	2331047	20.292 ug/ml
18) T n-Dotriacontane (C32)	18.439	2194849	19.955 ug/ml
19) T n-Tetratriacontane (C34)	19.217	2066707	20.123 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1963605	20.097 ug/mlm
21) T n-Octatriacontane (C38)	20.661	1872829	20.256 ug/ml
22) T n-Tetracontane (C40)	21.511	2011999	19.948 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 63 Sample Multiplier: 1

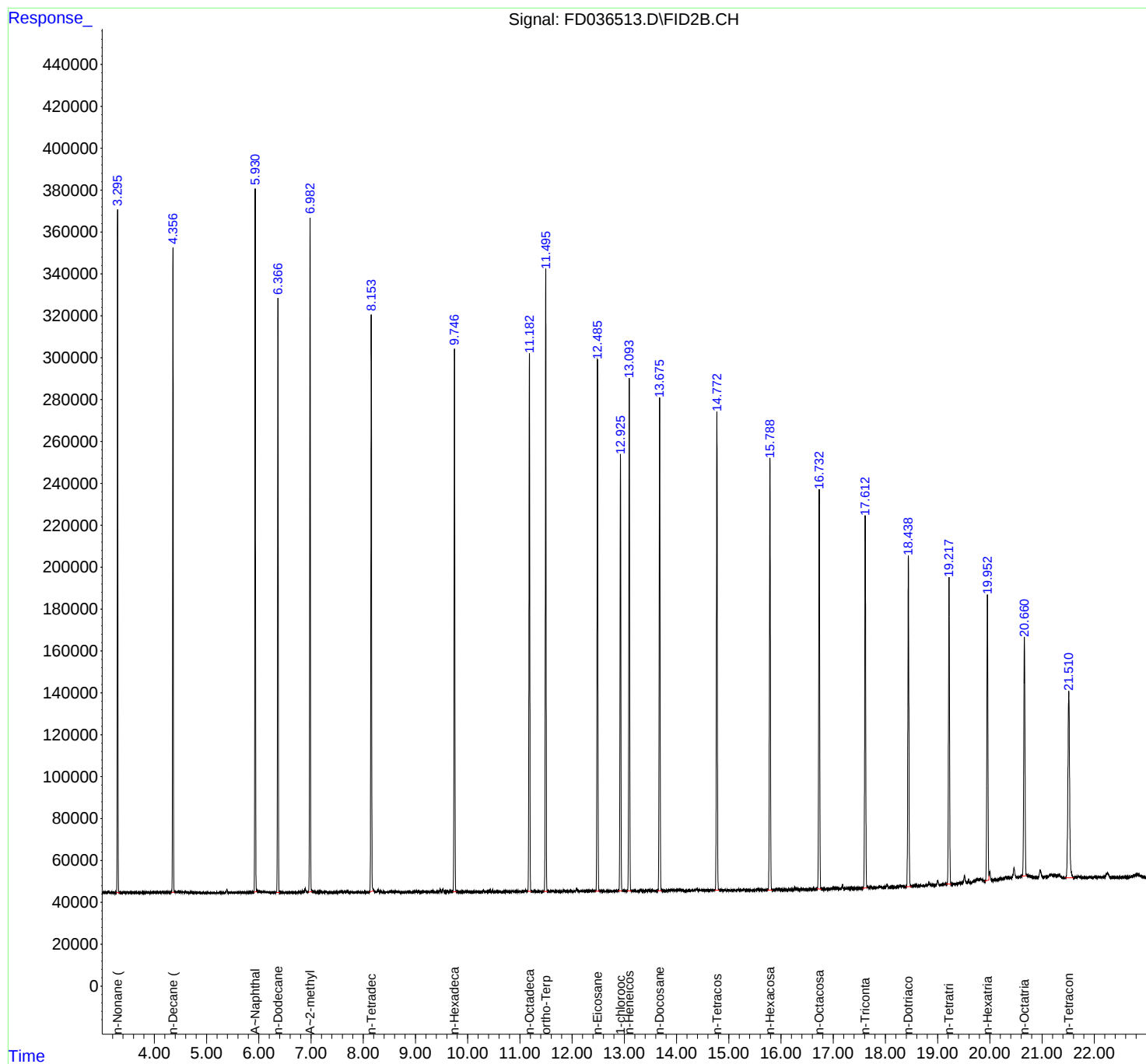
Instrument :
FID_D
Client Sampled :
20 PPM ALIPHATIC HC STD ICV

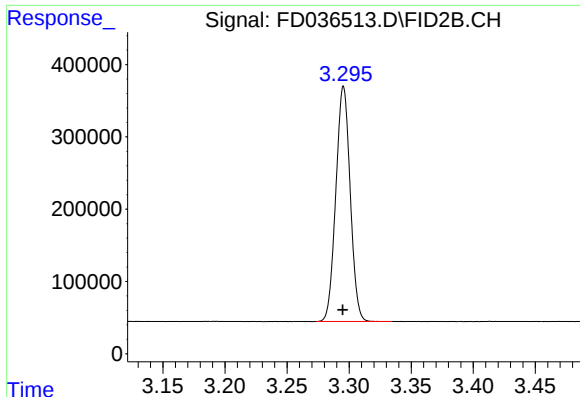
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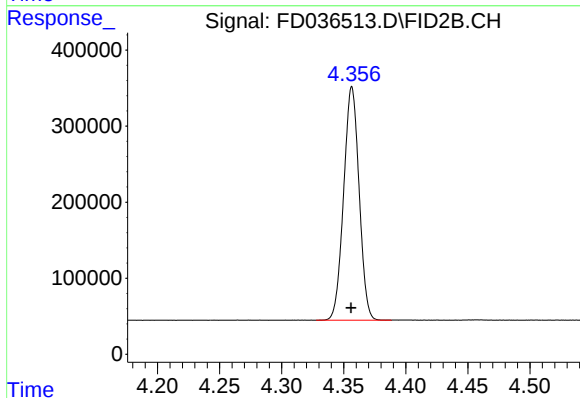
#1 n-Nonane (C9)

R.T.: 3.296 min
Delta R.T.: 0.000 min
Response: 2618075
Conc: 20.60 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD ICV

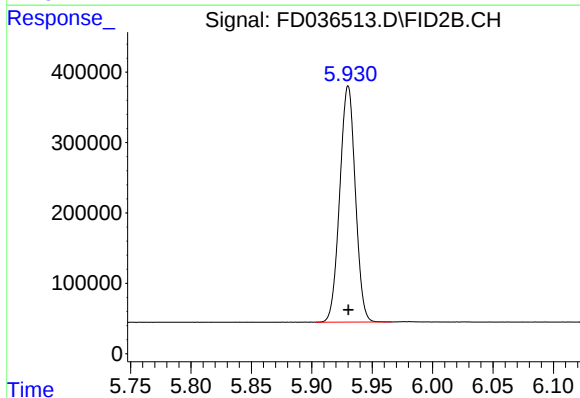
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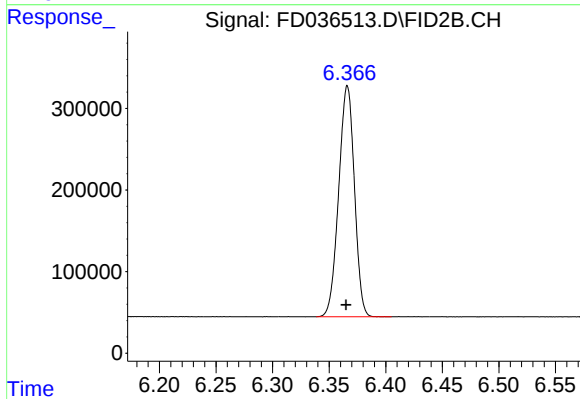
#2 n-Decane (C10)

R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 2660705
Conc: 20.65 ug/ml



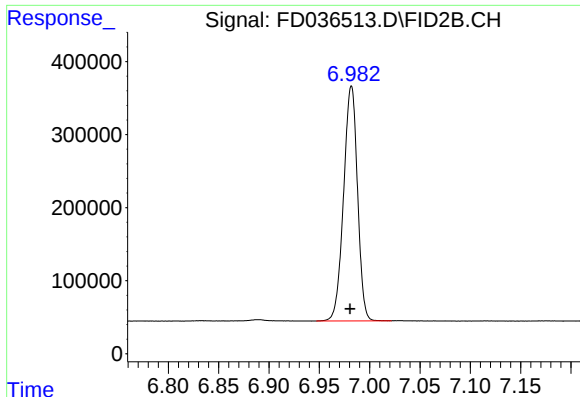
#3 A~Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 3015932
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: 0.001 min
Response: 2737632
Conc: 20.65 ug/ml



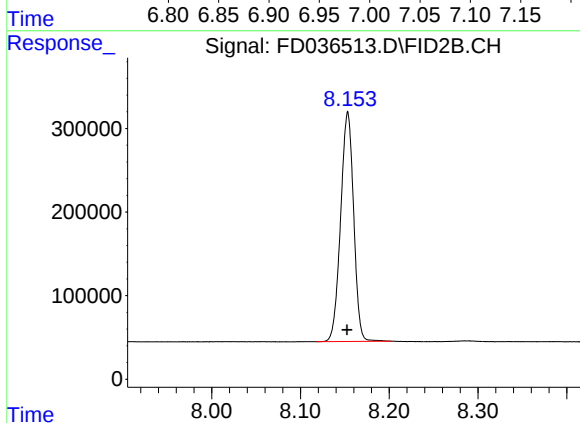
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.001 min
Response: 3092639
Conc: 20.66 ug/ml

Instrument :
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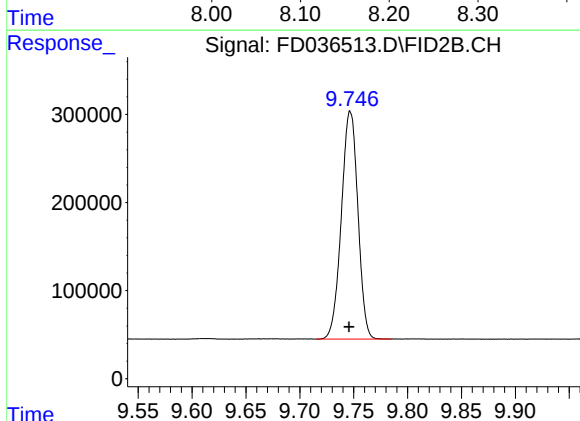
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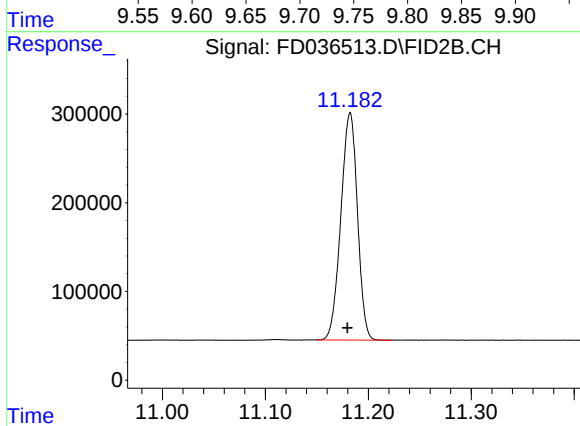
#6 n-Tetradecane (C14)

R.T.: 8.153 min
Delta R.T.: 0.001 min
Response: 2797927
Conc: 20.58 ug/ml



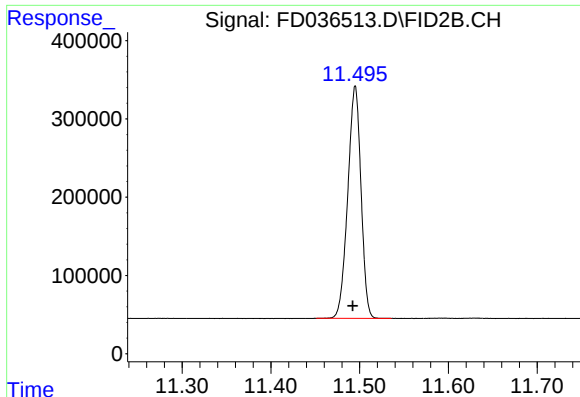
#7 n-Hexadecane (C16)

R.T.: 9.747 min
Delta R.T.: 0.001 min
Response: 2762274
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.183 min
Delta R.T.: 0.003 min
Response: 2876402
Conc: 20.77 ug/ml



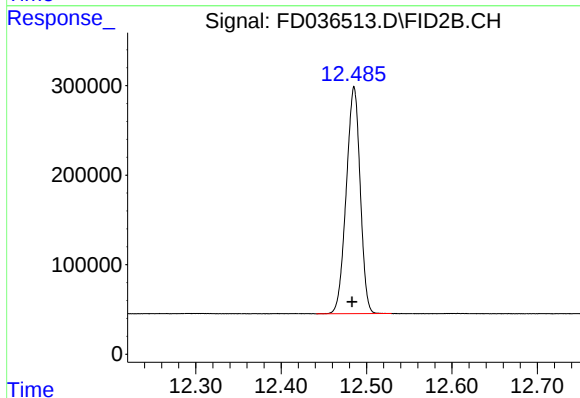
#9 ortho-Terphenyl (SURR)

R.T.: 11.495 min
Delta R.T.: 0.003 min
Response: 3070979
Conc: 20.73 ug/ml

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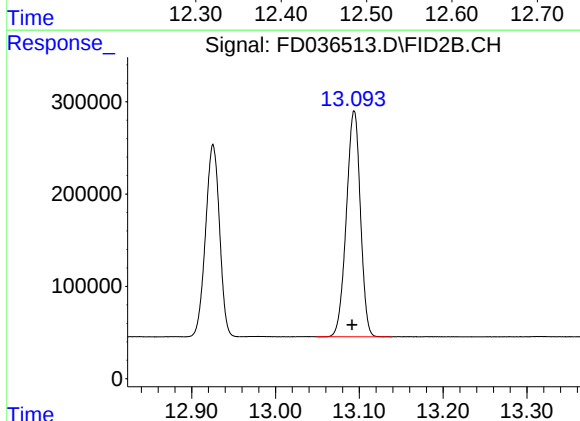
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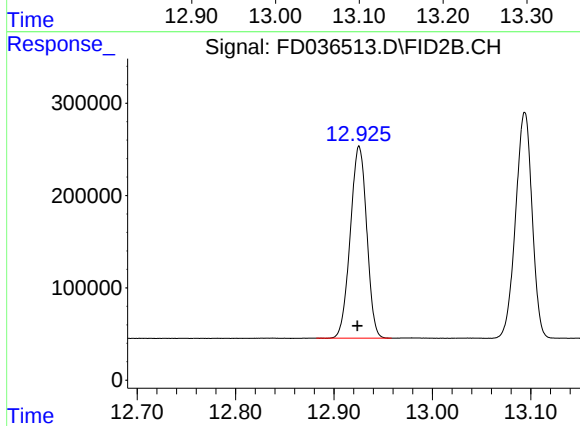
#10 n-Eicosane (C20)

R.T.: 12.485 min
Delta R.T.: 0.002 min
Response: 2874884
Conc: 20.80 ug/ml



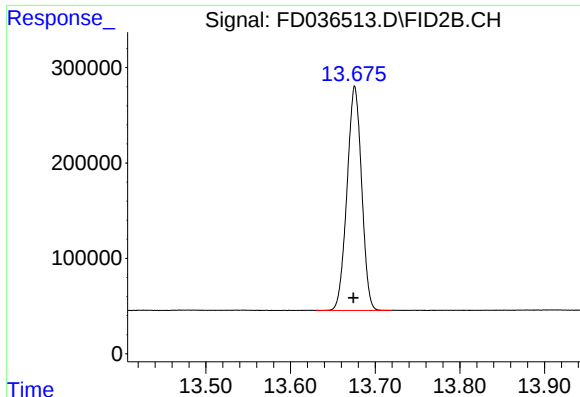
#11 n-Heneicosane (C21)

R.T.: 13.094 min
Delta R.T.: 0.002 min
Response: 2852606
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 2411041
Conc: 20.72 ug/ml



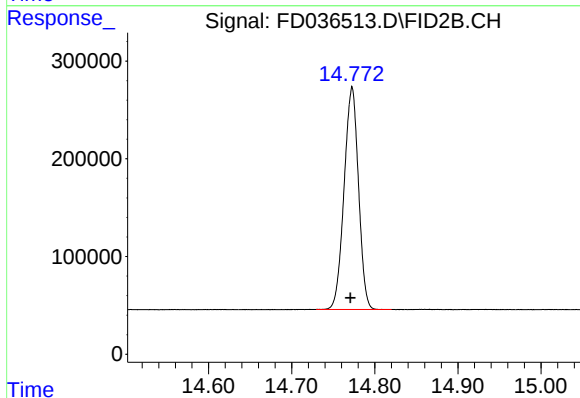
#13 n-Docosane (C22)

R.T.: 13.676 min
Delta R.T.: 0.002 min
Response: 2818755
Conc: 20.72 ug/ml

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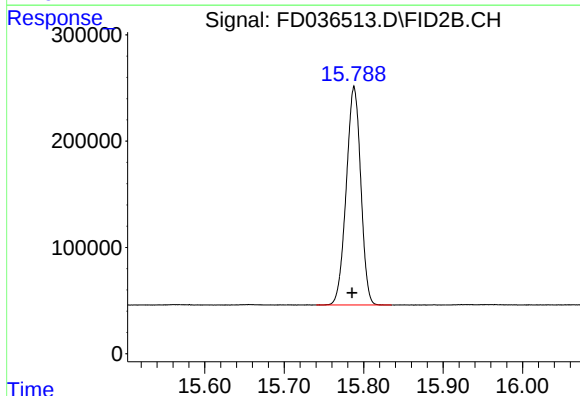
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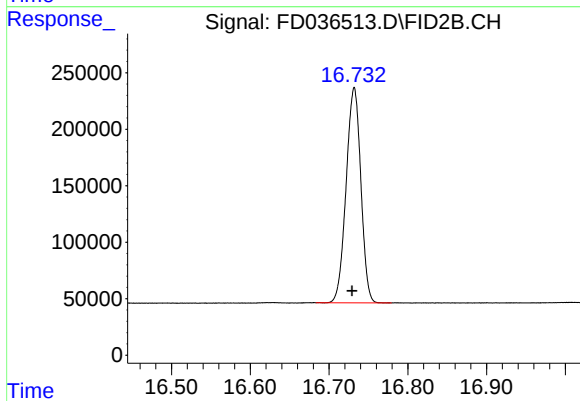
#14 n-Tetracosane (C24)

R.T.: 14.773 min
Delta R.T.: 0.002 min
Response: 2740435
Conc: 20.67 ug/ml



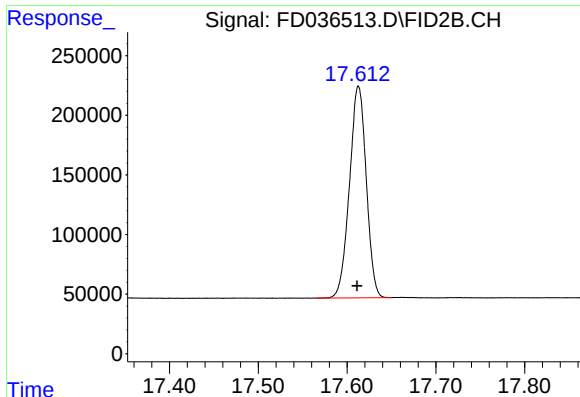
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.002 min
Response: 2609619
Conc: 20.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.732 min
Delta R.T.: 0.003 min
Response: 2474973
Conc: 20.52 ug/ml



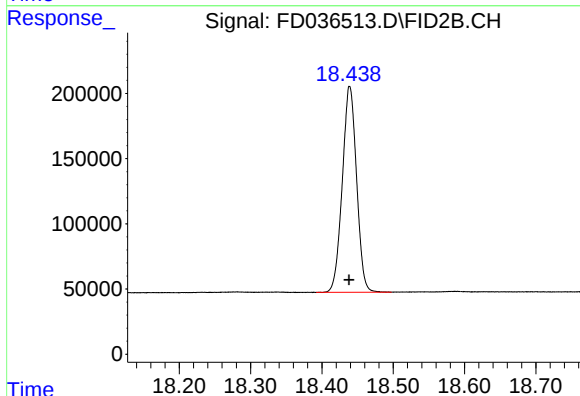
#17 n-Tricontane (C30)

R.T.: 17.613 min
Delta R.T.: 0.001 min
Response: 2331047
Conc: 20.29 ug/ml

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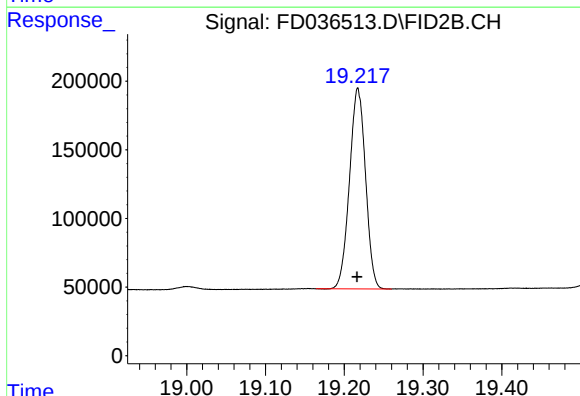
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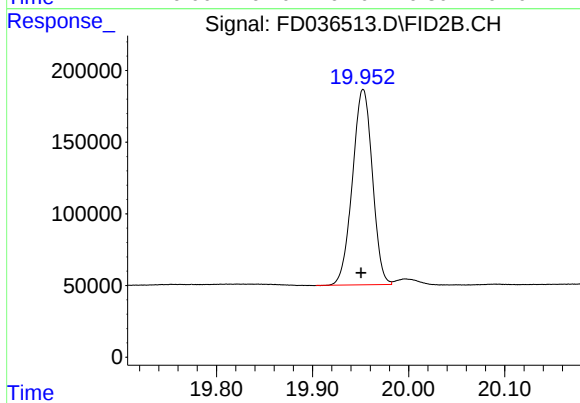
#18 n-Dotriacontane (C32)

R.T.: 18.439 min
Delta R.T.: 0.001 min
Response: 2194849
Conc: 19.96 ug/ml



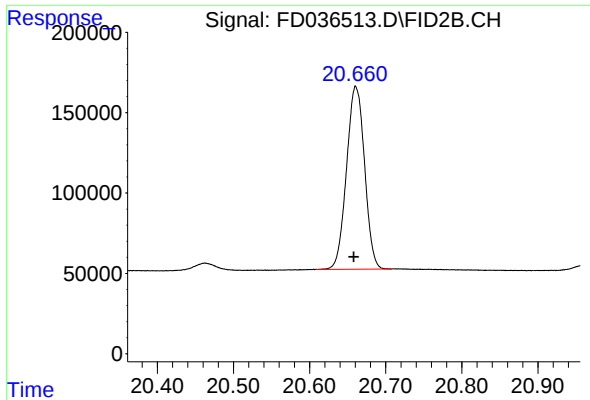
#19 n-Tetratriacontane (C34)

R.T.: 19.217 min
Delta R.T.: 0.000 min
Response: 2066707
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.952 min
Delta R.T.: 0.002 min
Response: 1963605
Conc: 20.10 ug/ml m



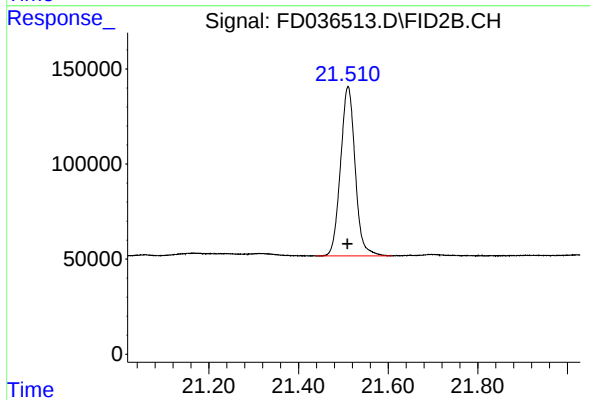
#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.002 min
Response: 1872829
Conc: 20.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: 0.001 min
Response: 2011999
Conc: 19.95 ug/ml