

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082919AL\
 Data File : FD030410.D
 Signal(s) : FID2B.CH
 Acq On : 30 Aug 2019 8:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Aug 30 09:06:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 30 01:42:39 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)	11.523	2813222	20.466 ug/ml
Spiked Amount 50.000		Recovery =	40.93%
12) S 1-chlorooctadecane (S...	12.950	2268074	19.886 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T n-Nonane (C9)	3.331	2760789	23.069 ug/ml
2) T n-Decane (C10)	4.391	2835667	23.317 ug/ml
3) T A-Naphthalene (C11.7)	5.967	3170265	23.028 ug/ml
4) T n-Dodecane (C12)	6.398	2848412	23.359 ug/ml
5) T A~2-methylnaphthalene...	7.018	3161371	22.858 ug/ml
6) T n-Tetradecane (C14)	8.183	2845738	23.071 ug/ml
7) T n-Hexadecane (C16)	9.775	2828142	22.650 ug/ml
8) T n-Octadecane (C18)	11.209	2753345	21.536 ug/ml
10) T n-Eicosane (C20)	12.509	2673693	20.594 ug/ml
11) T n-Heneicosane (C21)	13.117	2609087	20.090 ug/ml
13) T n-Docosane (C22)	13.699	2556852	19.582 ug/ml
14) T n-Tetracosane (C24)	14.793	2500155	19.049 ug/ml
15) T n-Hexacosane (C26)	15.806	2378810	18.444 ug/ml
16) T n-Octacosane (C28)	16.749	2327068	18.341 ug/mlm
17) T n-Tricontane (C30)	17.629	2276538	18.786 ug/mlm
18) T n-Dotriacontane (C32)	18.455	2170503	19.357 ug/ml
19) T n-Tetratriacontane (C34)	19.232	1901548	21.447 ug/mlm
20) T n-Hexatriacontane (C36)	19.965	1637613	22.034 ug/mlm
21) T n-Octatriacontane (C38)	20.675	1572993	23.632 ug/mlm
22) T n-Tetracontane (C40)	21.536	1655093	23.431 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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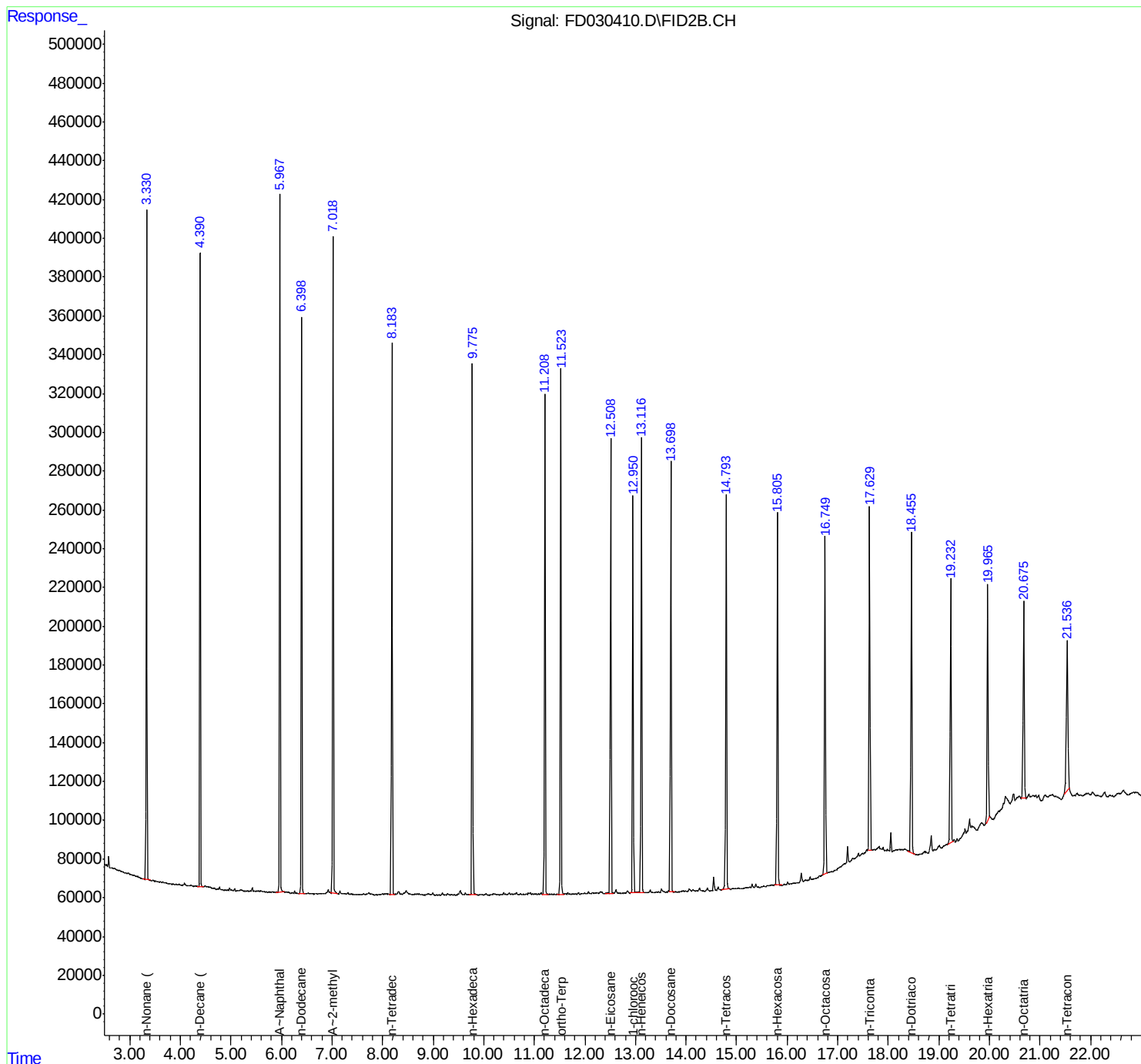
Instrument :
FID_D
ClientSampleId :

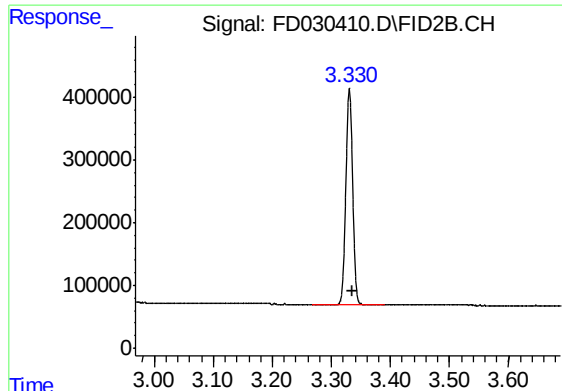
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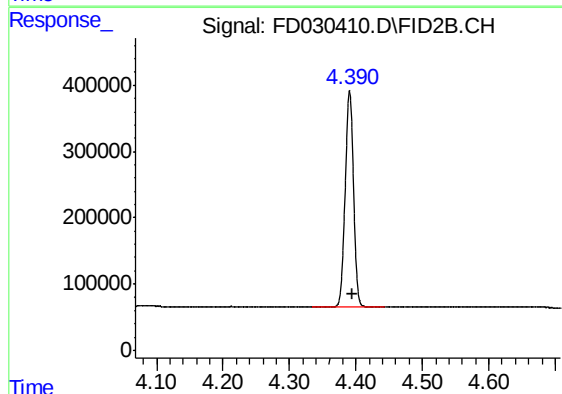
#1 n-Nonane (C9)

R.T.: 3.331 min
Delta R.T.: -0.004 min
Response: 2760789
Conc: 23.07 ug/ml

Instrument :
FID_D
ClientSampleId :

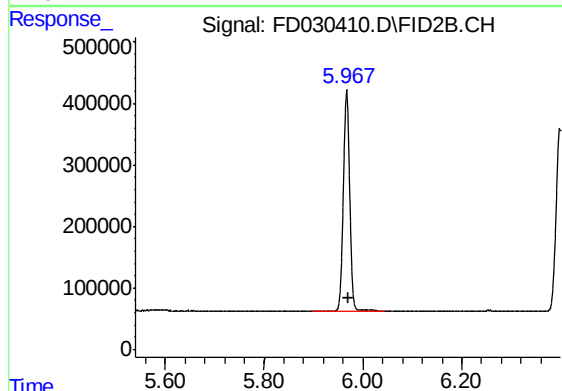
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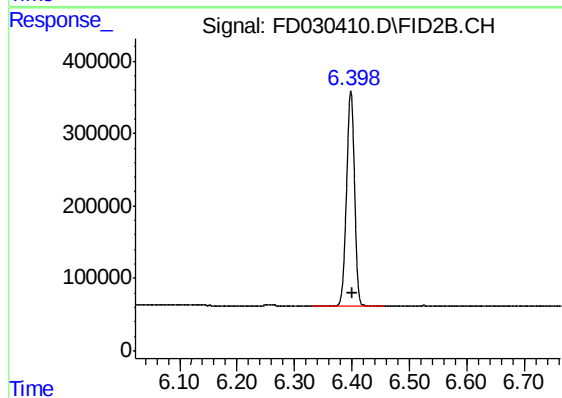
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 2835667
Conc: 23.32 ug/ml



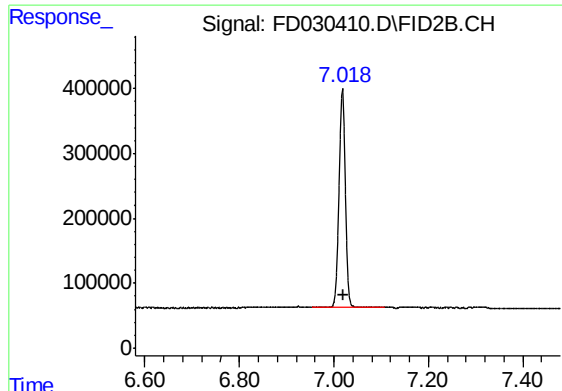
#3 A~Naphthalene (C11.7)

R.T.: 5.967 min
Delta R.T.: -0.003 min
Response: 3170265
Conc: 23.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 2848412
Conc: 23.36 ug/ml



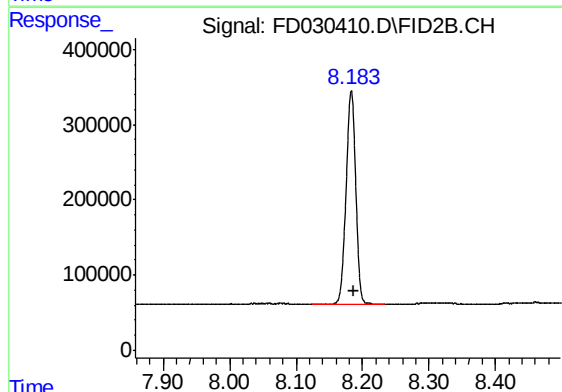
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.018 min
Delta R.T.: -0.003 min
Response: 3161371
Conc: 22.86 ug/ml

Instrument :
FID_D
ClientSampleId :

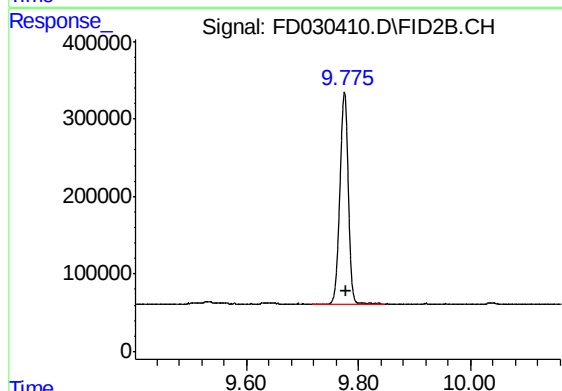
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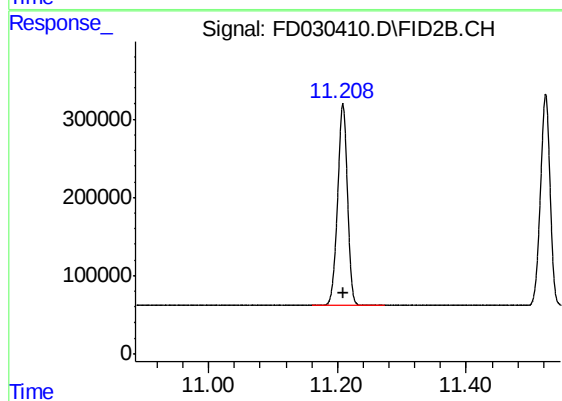
#6 n-Tetradecane (C14)

R.T.: 8.183 min
Delta R.T.: -0.003 min
Response: 2845738
Conc: 23.07 ug/ml



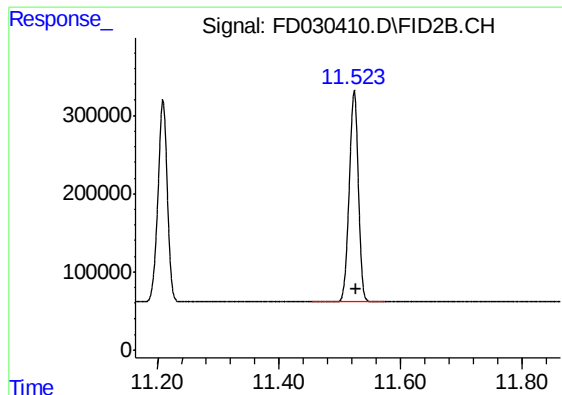
#7 n-Hexadecane (C16)

R.T.: 9.775 min
Delta R.T.: -0.003 min
Response: 2828142
Conc: 22.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.209 min
Delta R.T.: -0.002 min
Response: 2753345
Conc: 21.54 ug/ml



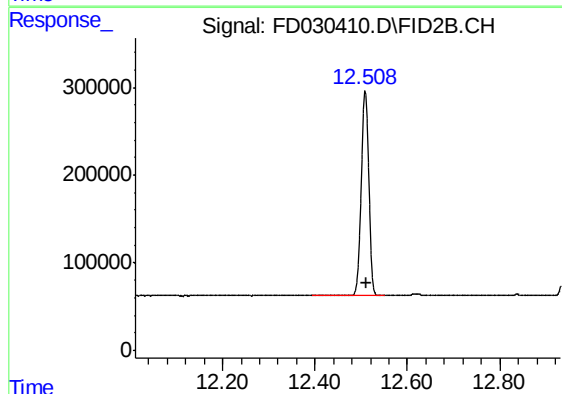
#9 ortho-Terphenyl (SURR)

R.T.: 11.523 min
Delta R.T.: -0.003 min
Response: 2813222
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :

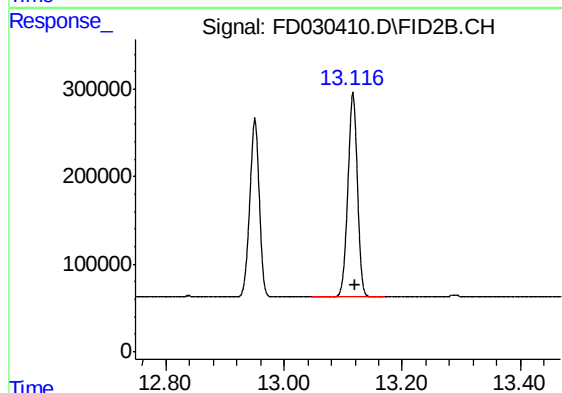
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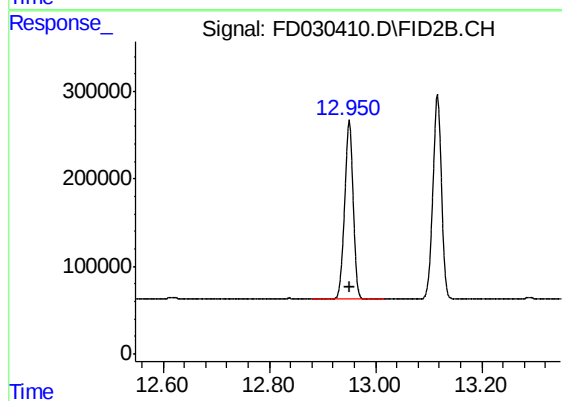
#10 n-Eicosane (C20)

R.T.: 12.509 min
Delta R.T.: -0.003 min
Response: 2673693
Conc: 20.59 ug/ml



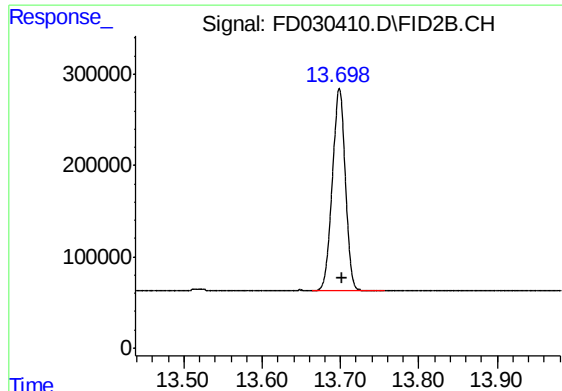
#11 n-Heneicosane (C21)

R.T.: 13.117 min
Delta R.T.: -0.003 min
Response: 2609087
Conc: 20.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.950 min
Delta R.T.: -0.002 min
Response: 2268074
Conc: 19.89 ug/ml



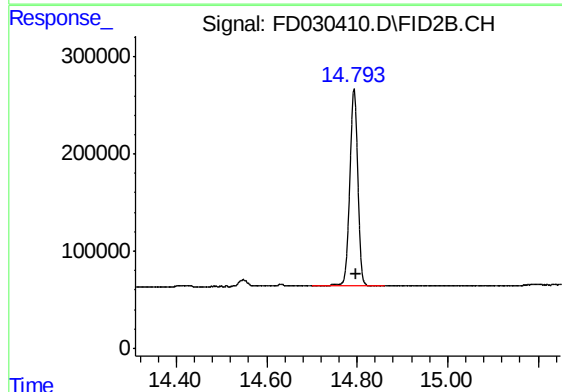
#13 n-Docosane (C22)

R.T.: 13.699 min
Delta R.T.: -0.003 min
Response: 2556852
Conc: 19.58 ug/ml

Instrument :
FID_D
ClientSampleId :

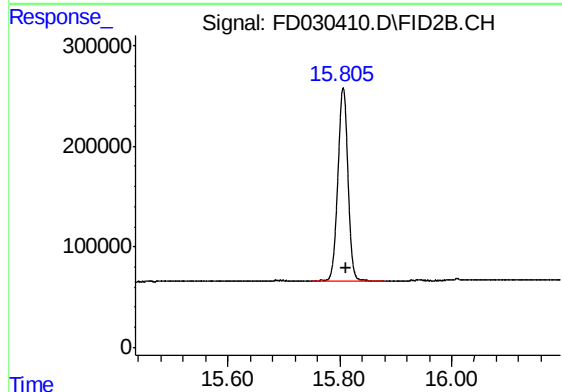
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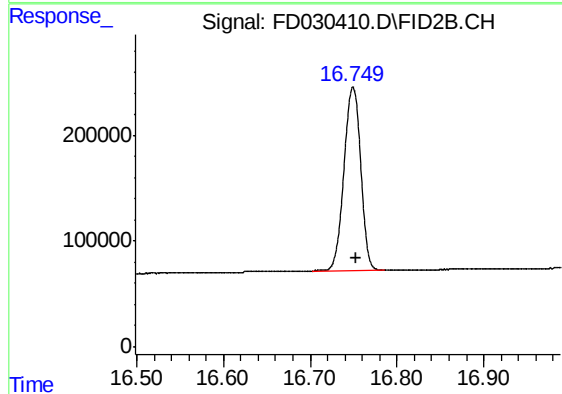
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.003 min
Response: 2500155
Conc: 19.05 ug/ml



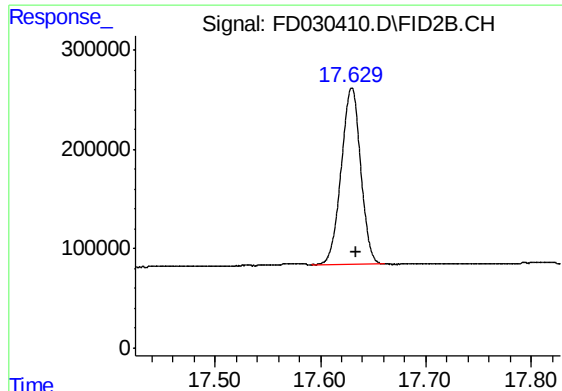
#15 n-Hexacosane (C26)

R.T.: 15.806 min
Delta R.T.: -0.004 min
Response: 2378810
Conc: 18.44 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.749 min
Delta R.T.: -0.005 min
Response: 2327068
Conc: 18.34 ug/ml m



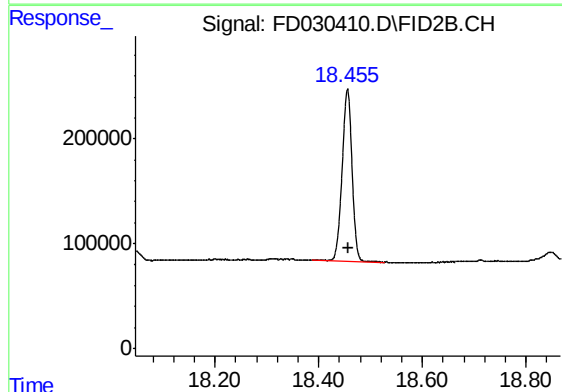
#17 n-Tricontane (C30)

R.T.: 17.629 min
Delta R.T.: -0.004 min
Response: 2276538
Conc: 18.79 ug/ml m

Instrument :
FID_D
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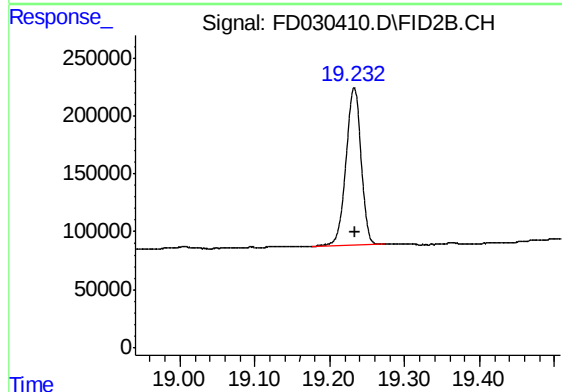
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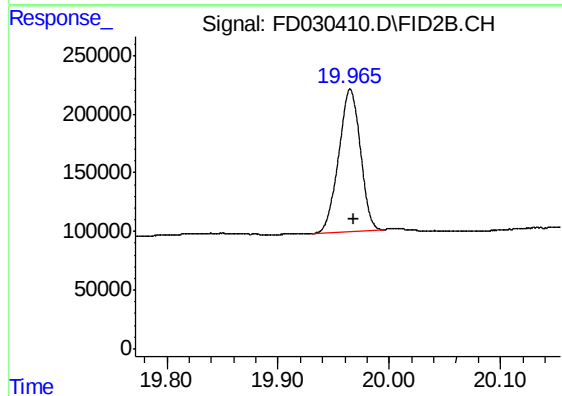
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.002 min
Response: 2170503
Conc: 19.36 ug/ml



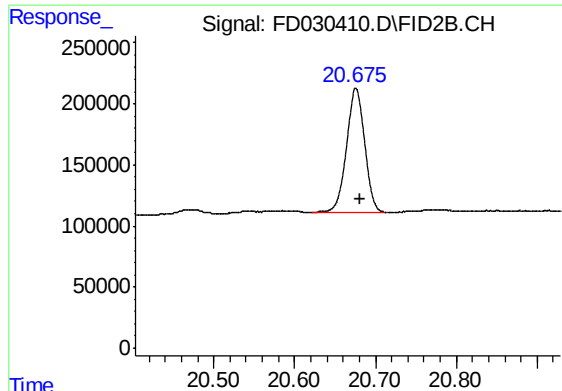
#19 n-Tetatriacontane (C34)

R.T.: 19.232 min
Delta R.T.: -0.002 min
Response: 1901548
Conc: 21.45 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.965 min
Delta R.T.: -0.004 min
Response: 1637613
Conc: 22.03 ug/ml m



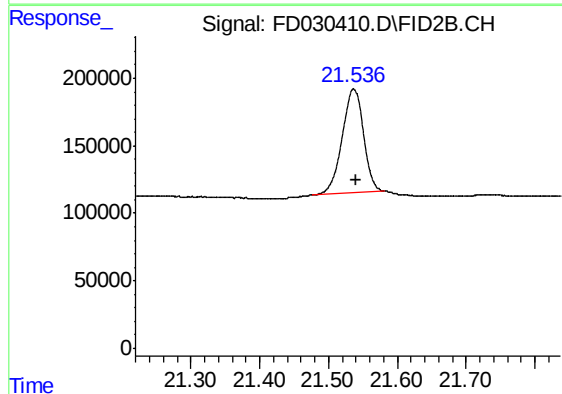
#21 n-Octatriacontane (C38)

R.T.: 20.675 min
Delta R.T.: -0.006 min
Response: 1572993
Conc: 23.63 ug/ml m

Instrument :
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ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: -0.005 min
Response: 1655093
Conc: 23.43 ug/ml m