

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060721AL\
 Data File : FD037792.D
 Signal(s) : FID2B.CH
 Acq On : 08 Jun 2021 7:49
 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

Integration File: autoint1.e
 Quant Time: Jun 08 08:20:52 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 051321.M
 Quant Title : GC Extractables
 QLast Update : Fri May 14 02:07:09 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)	11.449	2380653	20.301 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	12.883	1831762	20.159 ug/ml
Spiked Amount 50.000		Recovery =	40.32%
Target Compounds			
1) T n-Nonane (C9)	3.249	2153225	21.340 ug/ml
2) T n-Decane (C10)	4.312	2192271	21.607 ug/ml
3) T A~Naphthalene (C11.7)	5.887	2501653	21.970 ug/ml
4) T n-Dodecane (C12)	6.322	2260278	21.864 ug/ml
5) T A~2-methylnaphthalene...	6.939	2544008	21.975 ug/ml
6) T n-Tetradecane (C14)	8.109	2282949	21.904 ug/ml
7) T n-Hexadecane (C16)	9.703	2242747	21.735 ug/ml
8) T n-Octadecane (C18)	11.139	2298464	21.273 ug/ml
10) T n-Eicosane (C20)	12.442	2269588	20.825 ug/ml
11) T n-Heneicosane (C21)	13.051	2219827	20.391 ug/ml
13) T n-Docosane (C22)	13.635	2253376	20.743 ug/ml
14) T n-Tetracosane (C24)	14.733	2299491	21.222 ug/ml
15) T n-Hexacosane (C26)	15.750	2302142	21.613 ug/ml
16) T n-Octacosane (C28)	16.695	2346746	22.149 ug/ml
17) T n-Tricontane (C30)	17.577	2421924	23.005 ug/ml
18) T n-Dotriacontane (C32)	18.406	2408445	23.122 ug/ml
19) T n-Tetratriacontane (C34)	19.186	2252260	22.158 ug/ml
20) T n-Hexatriacontane (C36)	19.922	2099562	21.525 ug/ml
21) T n-Octatriacontane (C38)	20.630	1981540	21.554 ug/ml
22) T n-Tetracontane (C40)	21.471	2000521	20.775 ug/ml

(f)=RT Delta > 1/2 Window

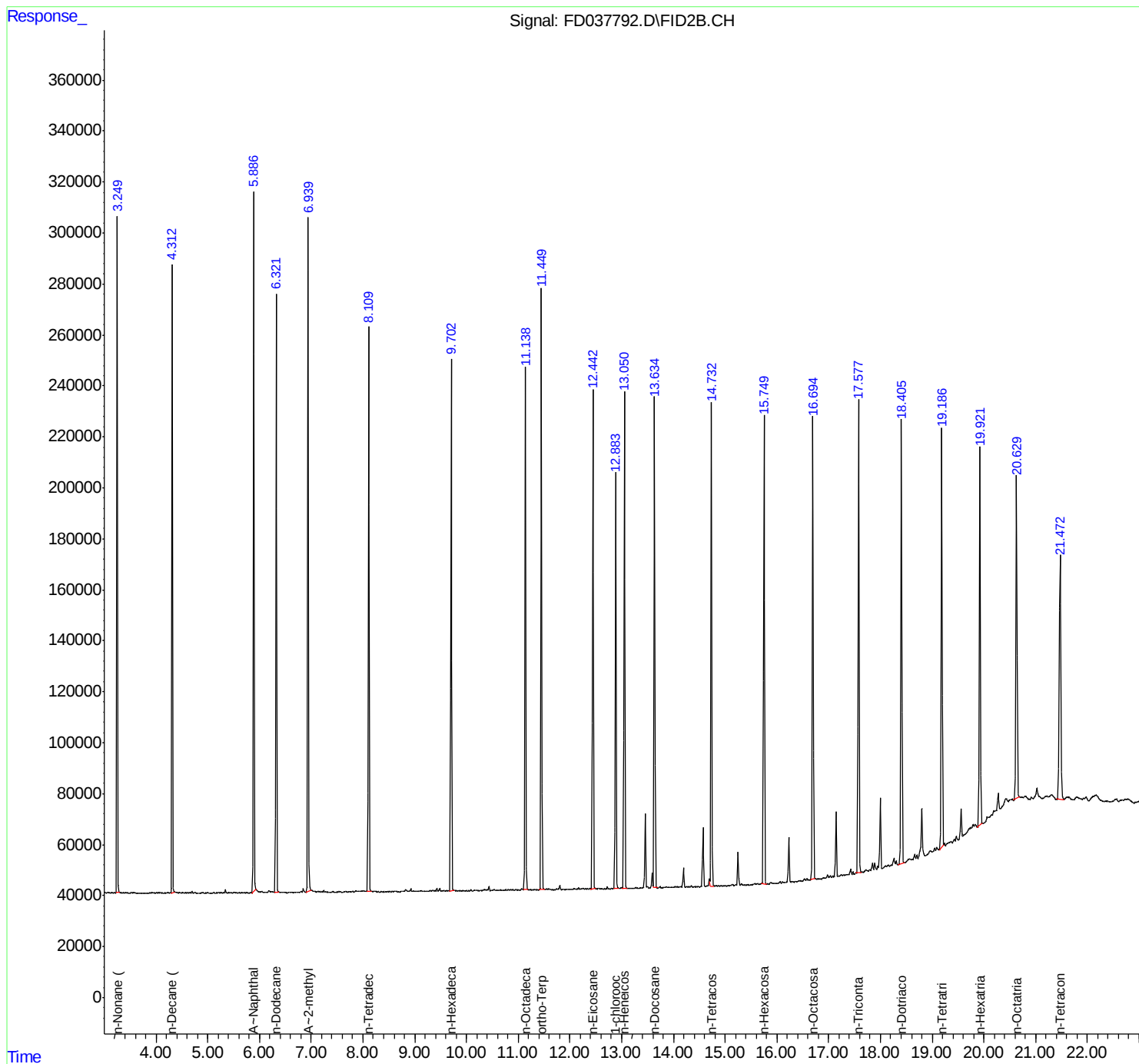
(m)=manual int.

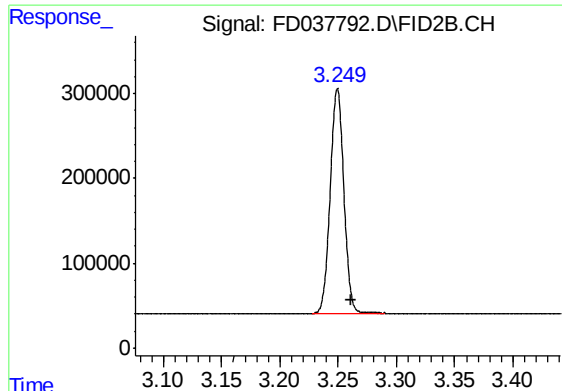
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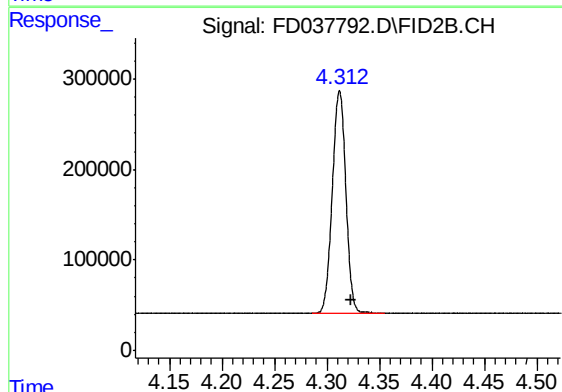




#1 n-Nonane (C9)

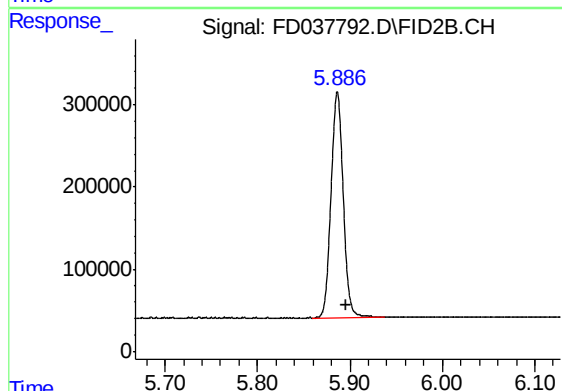
R.T.: 3.249 min
Delta R.T.: -0.012 min
Response: 2153225
Conc: 21.34 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



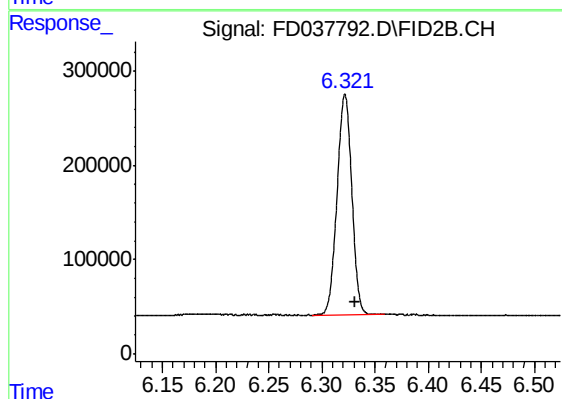
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: -0.011 min
Response: 2192271
Conc: 21.61 ug/ml



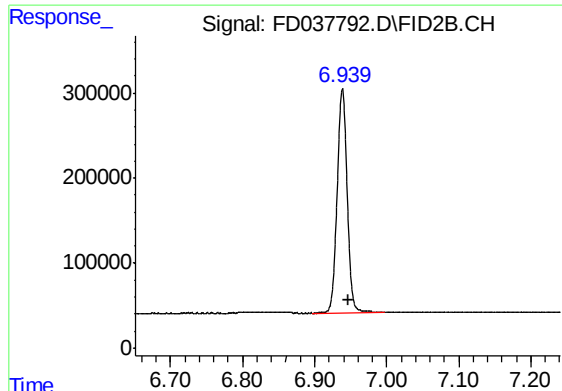
#3 A~Naphthalene (C11.7)

R.T.: 5.887 min
Delta R.T.: -0.010 min
Response: 2501653
Conc: 21.97 ug/ml



#4 n-Dodecane (C12)

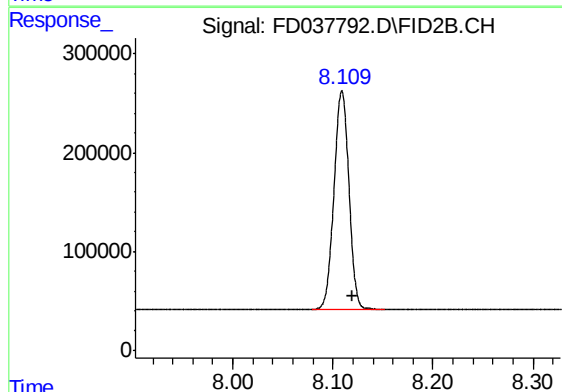
R.T.: 6.322 min
Delta R.T.: -0.009 min
Response: 2260278
Conc: 21.86 ug/ml



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

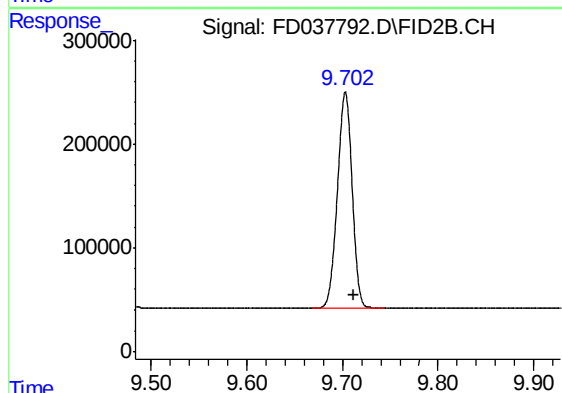
R.T.: 6.939 min
Delta R.T.: -0.008 min
Response: 2544008
Conc: 21.97 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



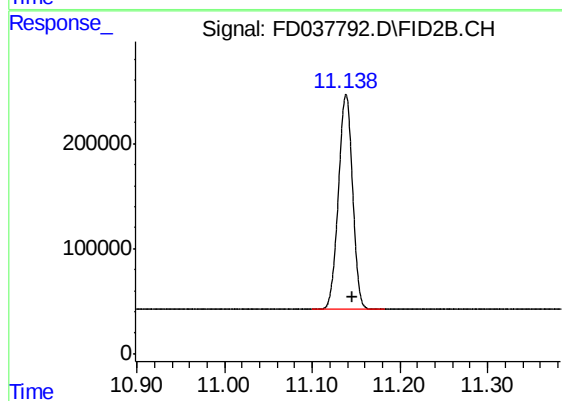
#6 n-Tetradecane (C14)

R.T.: 8.109 min
Delta R.T.: -0.010 min
Response: 2282949
Conc: 21.90 ug/ml



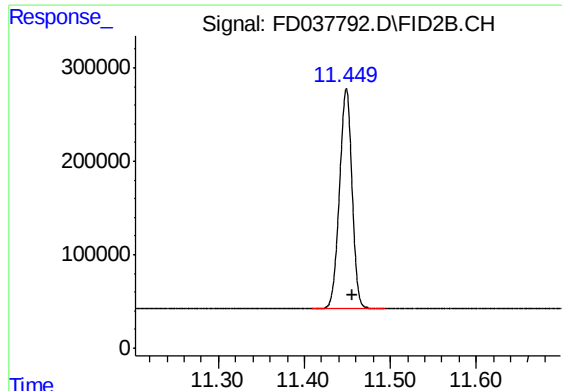
#7 n-Hexadecane (C16)

R.T.: 9.703 min
Delta R.T.: -0.008 min
Response: 2242747
Conc: 21.74 ug/ml



#8 n-Octadecane (C18)

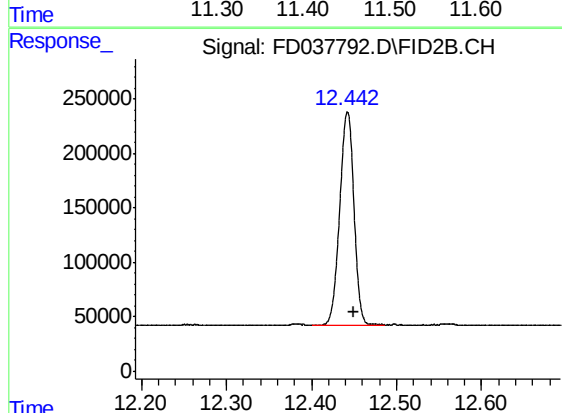
R.T.: 11.139 min
Delta R.T.: -0.007 min
Response: 2298464
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

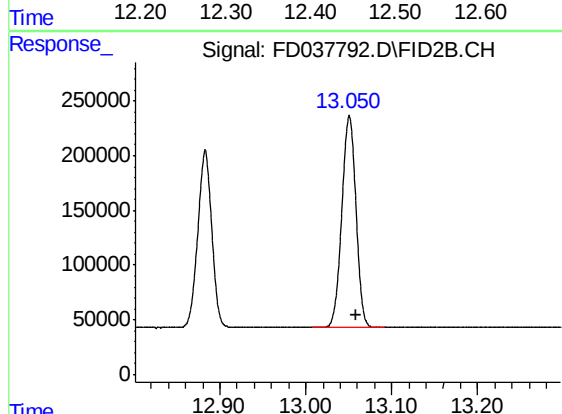
R.T.: 11.449 min
Delta R.T.: -0.008 min
Response: 2380653
Conc: 20.30 ug/ml

Instrument :
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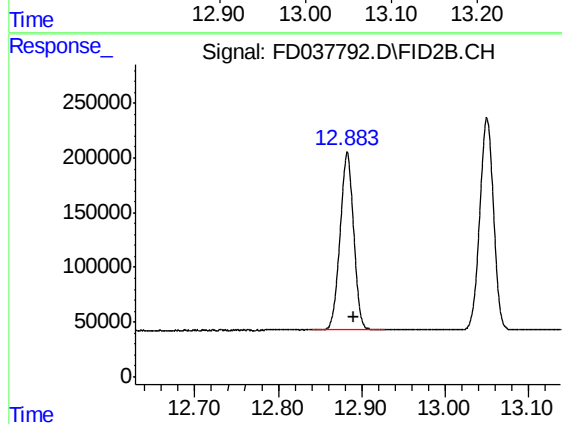
#10 n-Eicosane (C20)

R.T.: 12.442 min
Delta R.T.: -0.007 min
Response: 2269588
Conc: 20.82 ug/ml



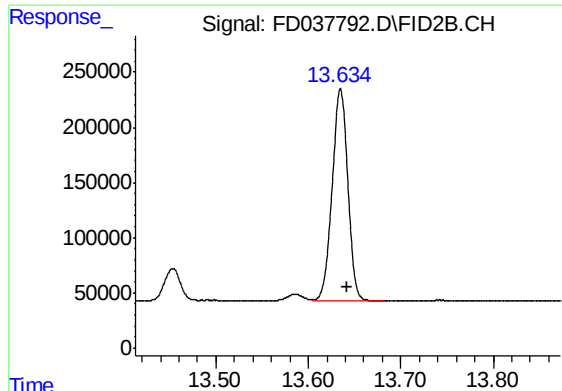
#11 n-Heneicosane (C21)

R.T.: 13.051 min
Delta R.T.: -0.008 min
Response: 2219827
Conc: 20.39 ug/ml



#12 1-chlorooctadecane (SURR)

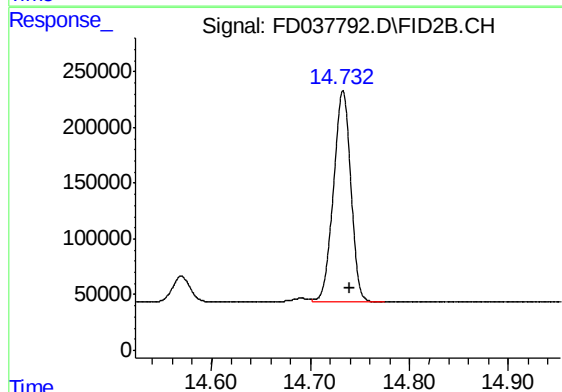
R.T.: 12.883 min
Delta R.T.: -0.008 min
Response: 1831762
Conc: 20.16 ug/ml



#13 n-Docosane (C22)

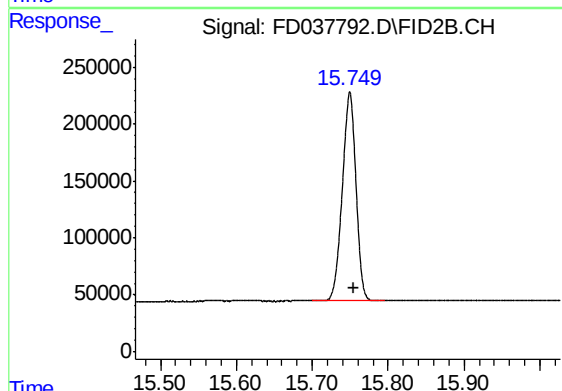
R.T.: 13.635 min
Delta R.T.: -0.007 min
Response: 2253376
Conc: 20.74 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



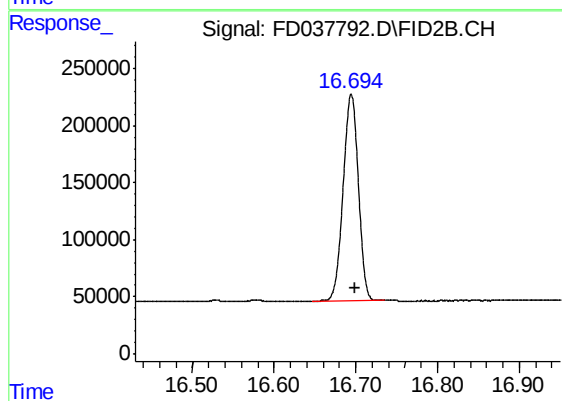
#14 n-Tetracosane (C24)

R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 2299491
Conc: 21.22 ug/ml



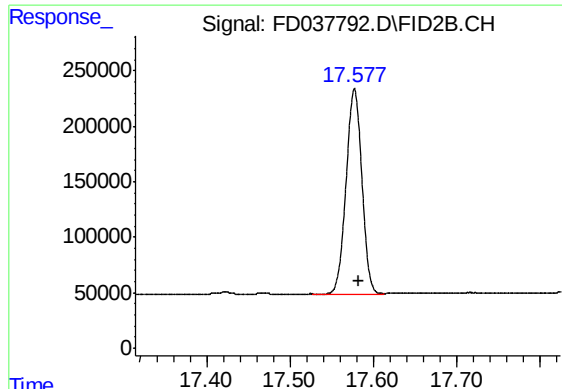
#15 n-Hexacosane (C26)

R.T.: 15.750 min
Delta R.T.: -0.006 min
Response: 2302142
Conc: 21.61 ug/ml



#16 n-Octacosane (C28)

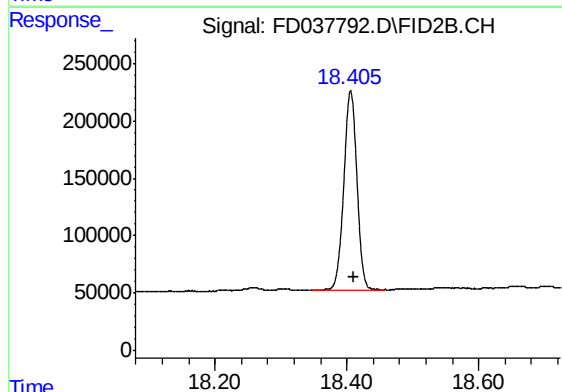
R.T.: 16.695 min
Delta R.T.: -0.005 min
Response: 2346746
Conc: 22.15 ug/ml



#17 n-Tricontane (C30)

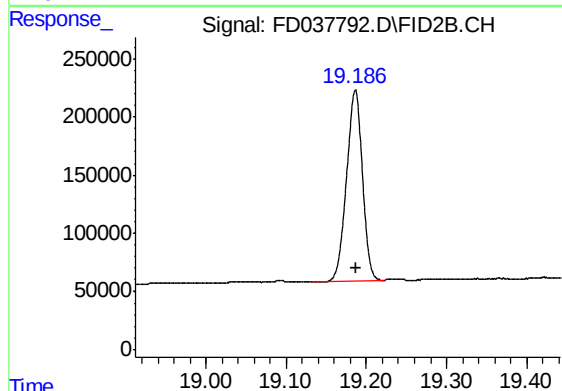
R.T.: 17.577 min
Delta R.T.: -0.005 min
Response: 2421924
Conc: 23.00 ug/ml

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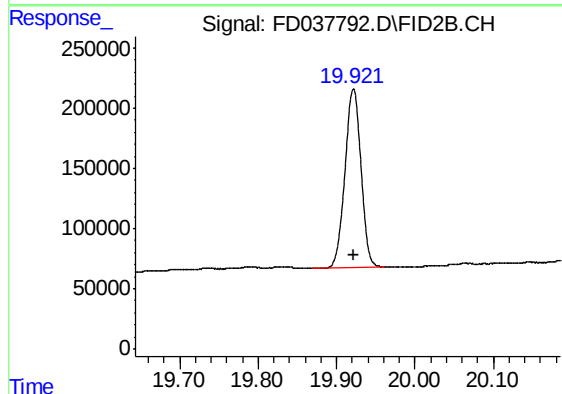
#18 n-Dotriacontane (C32)

R.T.: 18.406 min
Delta R.T.: -0.004 min
Response: 2408445
Conc: 23.12 ug/ml



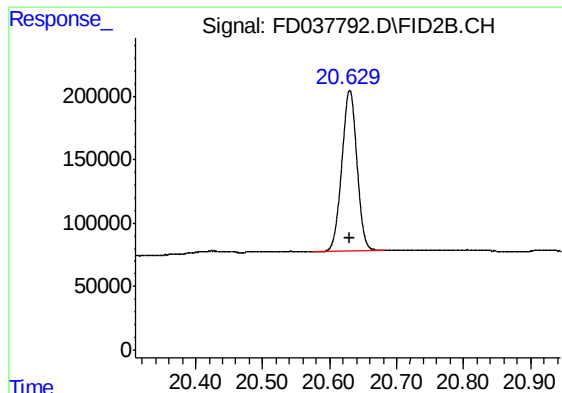
#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.002 min
Response: 2252260
Conc: 22.16 ug/ml



#20 n-Hexatriacontane (C36)

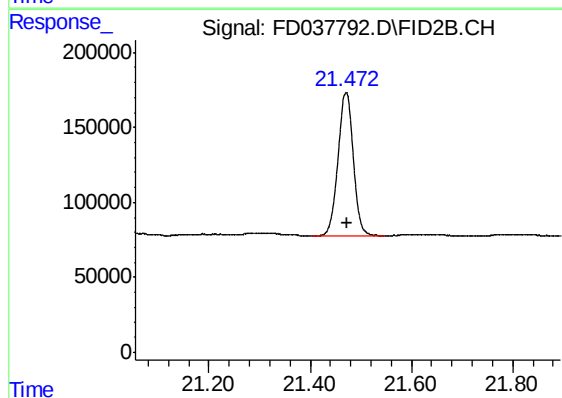
R.T.: 19.922 min
Delta R.T.: 0.000 min
Response: 2099562
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.630 min
Delta R.T.: 0.000 min
Response: 1981540
Conc: 21.55 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.471 min
Delta R.T.: -0.002 min
Response: 2000521
Conc: 20.78 ug/ml