

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050421AL\
 Data File : FD037349.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2021 14:45
 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: May 05 15:12:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 03:31:40 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)	11.477	2264053	19.390 ug/ml
Spiked Amount 50.000		Recovery =	38.78%
12) S 1-chlorooctadecane (S...	12.911	1702676	20.126 ug/ml
Spiked Amount 50.000		Recovery =	40.25%
Target Compounds			
1) T n-Nonane (C9)	3.272	2376530	20.170 ug/ml
2) T n-Decane (C10)	4.333	2399254	20.231 ug/ml
3) T A~Naphthalene (C11.7)	5.909	2622964	19.987 ug/ml
4) T n-Dodecane (C12)	6.344	2411305	20.306 ug/ml
5) T A~2-methylnaphthalene...	6.962	2616488	19.954 ug/ml
6) T n-Tetradecane (C14)	8.133	2351846	20.317 ug/ml
7) T n-Hexadecane (C16)	9.728	2215627	20.153 ug/ml
8) T n-Octadecane (C18)	11.166	2179900	19.881 ug/ml
10) T n-Eicosane (C20)	12.470	2088514	19.689 ug/ml
11) T n-Heneicosane (C21)	13.079	2052638	19.538 ug/ml
13) T n-Docosane (C22)	13.662	2027134	19.719 ug/ml
14) T n-Tetracosane (C24)	14.761	1985692	19.603 ug/ml
15) T n-Hexacosane (C26)	15.777	1987182	20.346 ug/ml
16) T n-Octacosane (C28)	16.723	2009709	20.908 ug/ml
17) T n-Tricontane (C30)	17.606	2079205	21.620 ug/ml
18) T n-Dotriacontane (C32)	18.434	2109267	21.446 ug/ml
19) T n-Tetratriacontane (C34)	19.213	2064258	21.748 ug/ml
20) T n-Hexatriacontane (C36)	19.950	1984774	21.075 ug/ml
21) T n-Octatriacontane (C38)	20.661	1874873	21.777 ug/ml
22) T n-Tetracontane (C40)	21.511	1896843	19.770 ug/ml

(f)=RT Delta > 1/2 Window

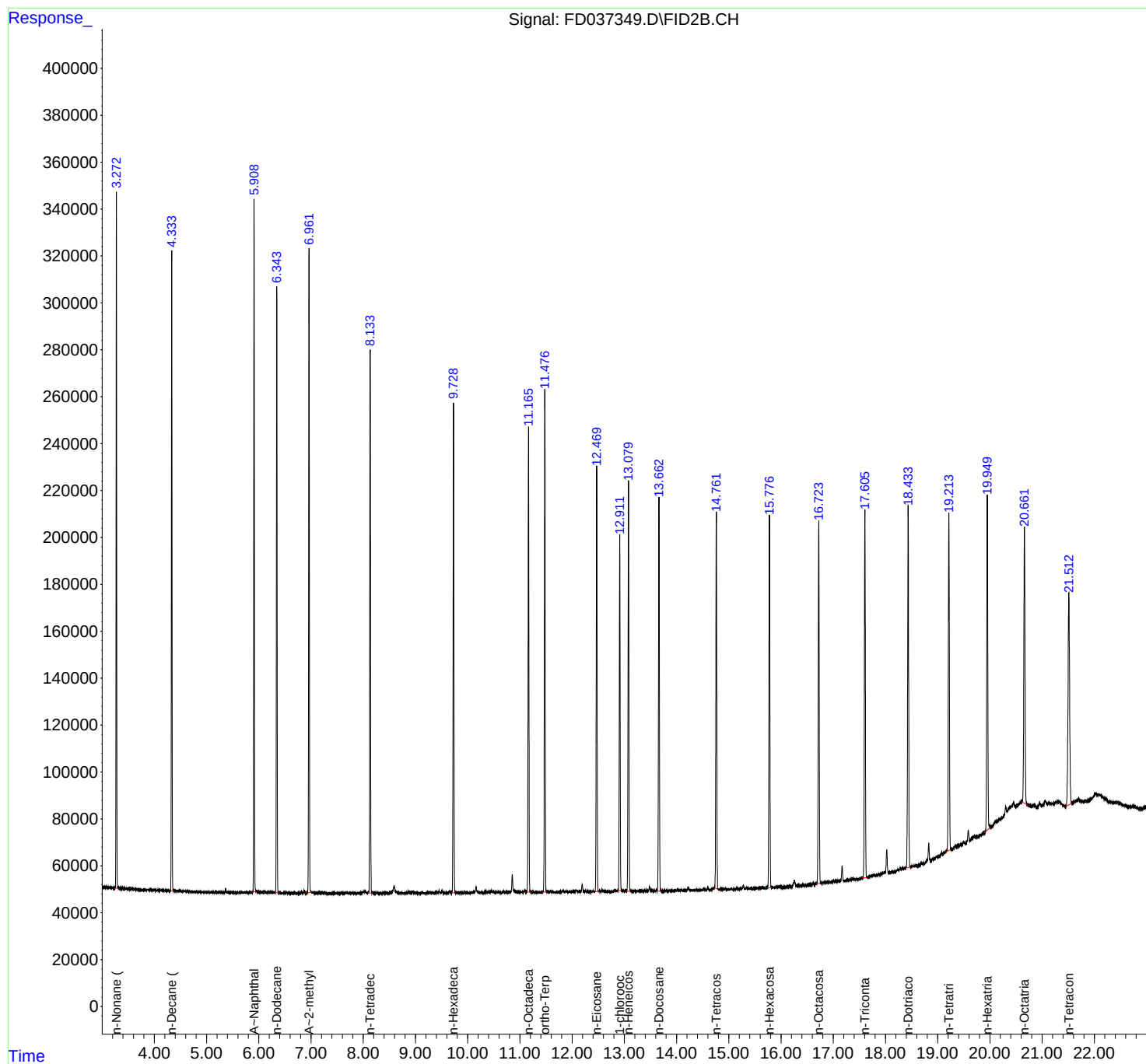
(m)=manual int.

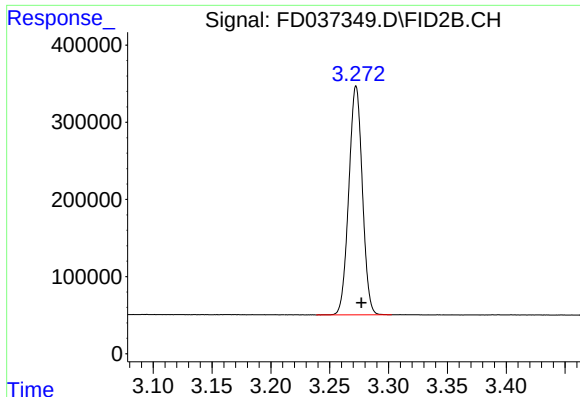
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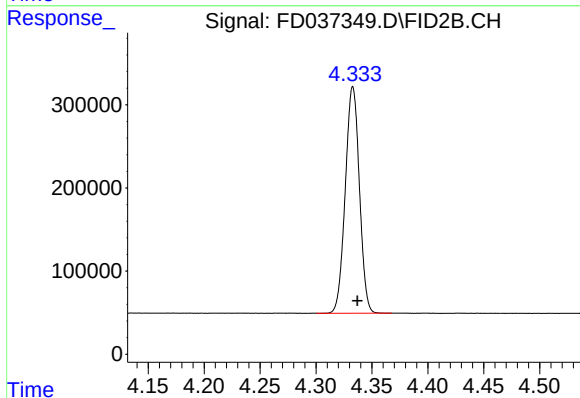




#1 n-Nonane (C9)

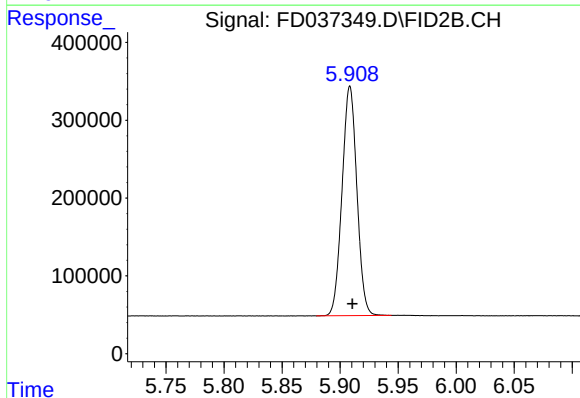
R.T.: 3.272 min
Delta R.T.: -0.005 min
Response: 2376530
Conc: 20.17 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



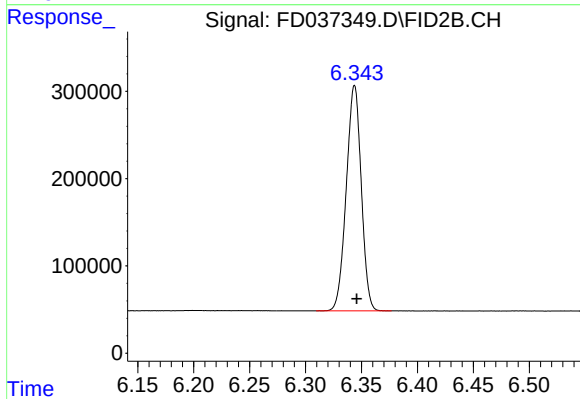
#2 n-Decane (C10)

R.T.: 4.333 min
Delta R.T.: -0.004 min
Response: 2399254
Conc: 20.23 ug/ml



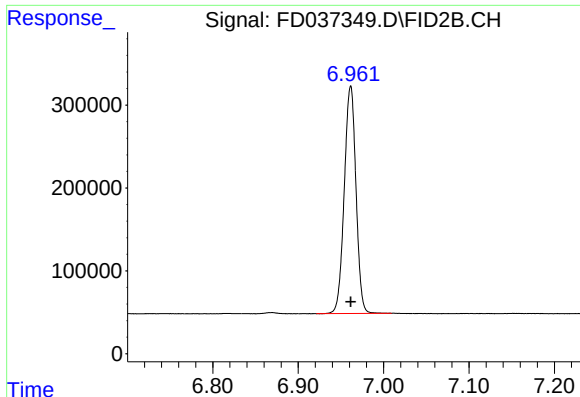
#3 A~Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.002 min
Response: 2622964
Conc: 19.99 ug/ml



#4 n-Dodecane (C12)

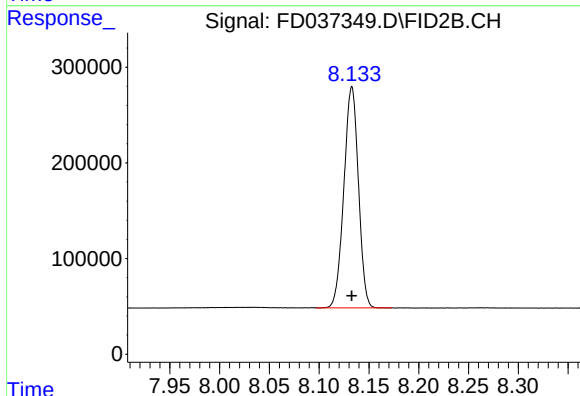
R.T.: 6.344 min
Delta R.T.: -0.002 min
Response: 2411305
Conc: 20.31 ug/ml



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

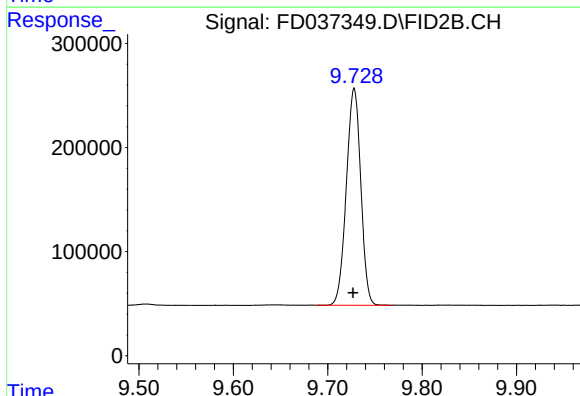
R.T.: 6.962 min
Delta R.T.: 0.000 min
Response: 2616488
Conc: 19.95 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



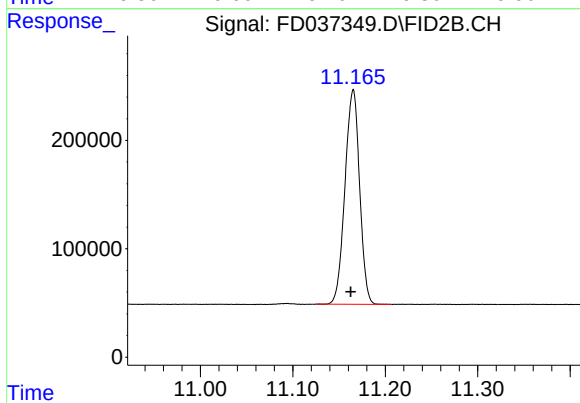
#6 n-Tetradecane (C14)

R.T.: 8.133 min
Delta R.T.: 0.000 min
Response: 2351846
Conc: 20.32 ug/ml



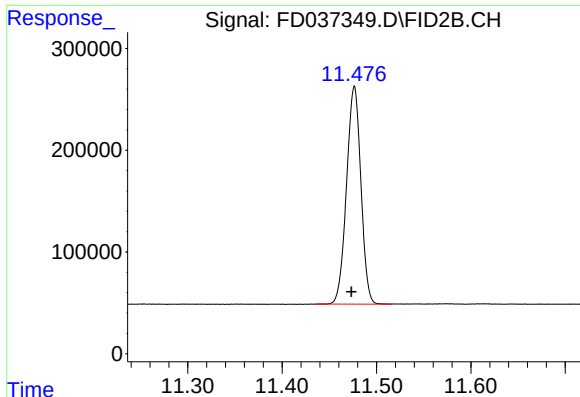
#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: 0.001 min
Response: 2215627
Conc: 20.15 ug/ml



#8 n-Octadecane (C18)

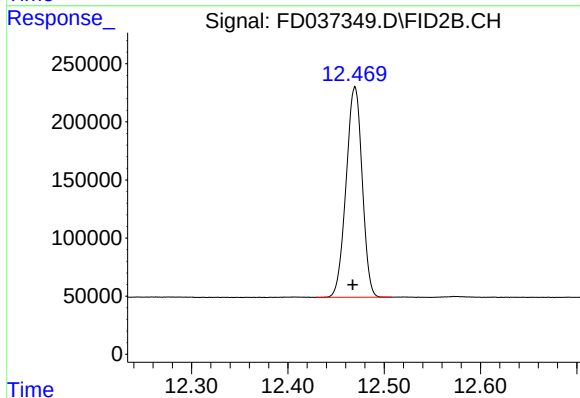
R.T.: 11.166 min
Delta R.T.: 0.003 min
Response: 2179900
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

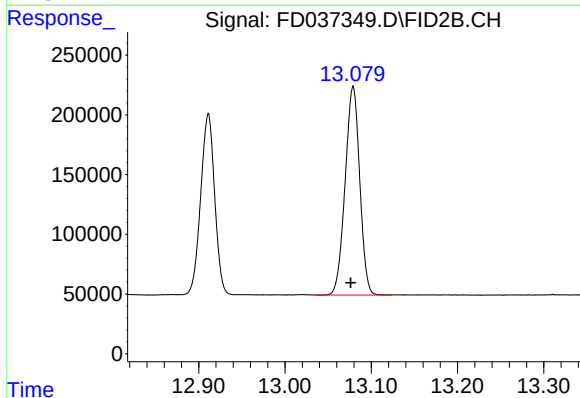
R.T.: 11.477 min
Delta R.T.: 0.003 min
Response: 2264053
Conc: 19.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



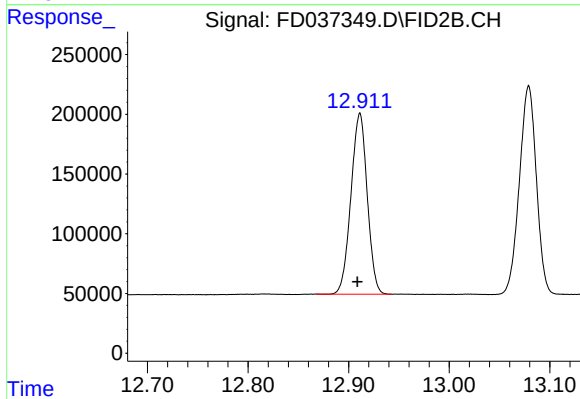
#10 n-Eicosane (C20)

R.T.: 12.470 min
Delta R.T.: 0.002 min
Response: 2088514
Conc: 19.69 ug/ml



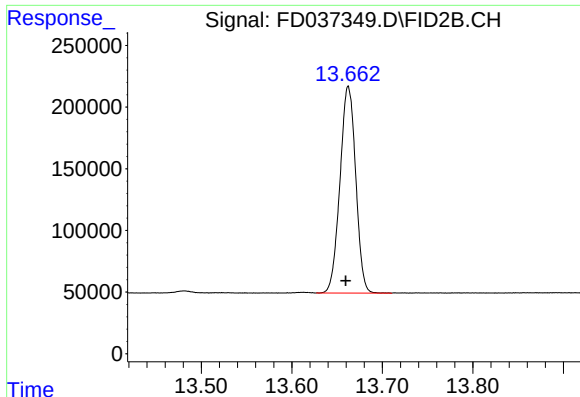
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: 0.003 min
Response: 2052638
Conc: 19.54 ug/ml



#12 1-chlorooctadecane (SURR)

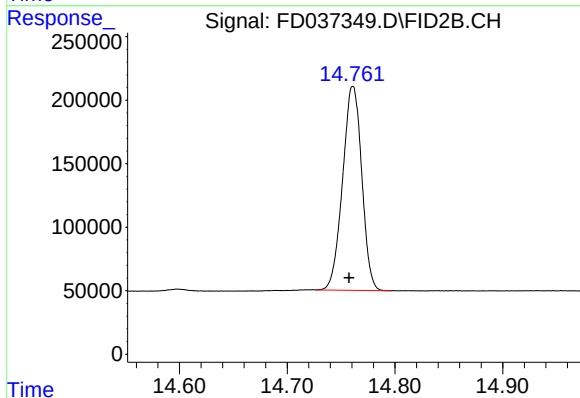
R.T.: 12.911 min
Delta R.T.: 0.003 min
Response: 1702676
Conc: 20.13 ug/ml



#13 n-Docosane (C22)

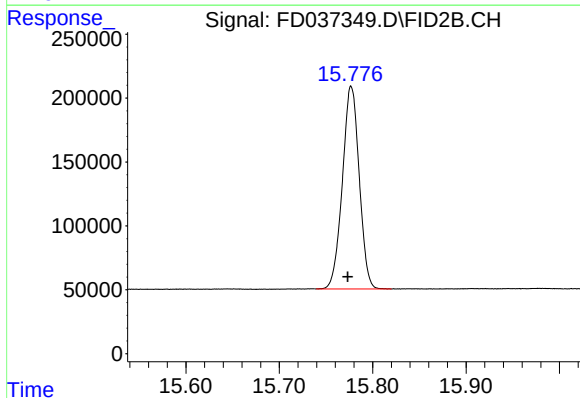
R.T.: 13.662 min
Delta R.T.: 0.003 min
Response: 2027134
Conc: 19.72 ug/ml

Instrument :
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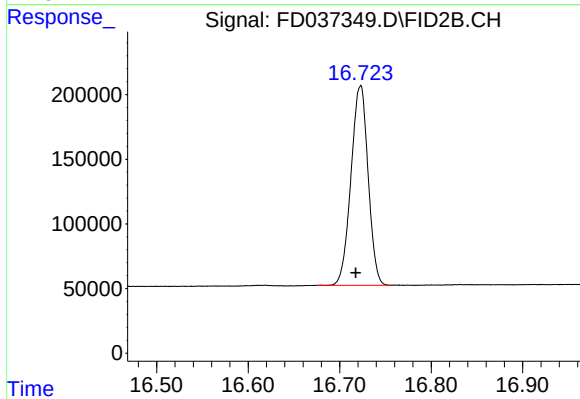
#14 n-Tetracosane (C24)

R.T.: 14.761 min
Delta R.T.: 0.004 min
Response: 1985692
Conc: 19.60 ug/ml



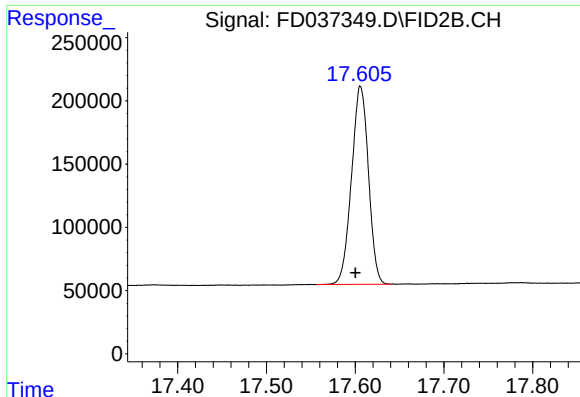
#15 n-Hexacosane (C26)

R.T.: 15.777 min
Delta R.T.: 0.004 min
Response: 1987182
Conc: 20.35 ug/ml



#16 n-Octacosane (C28)

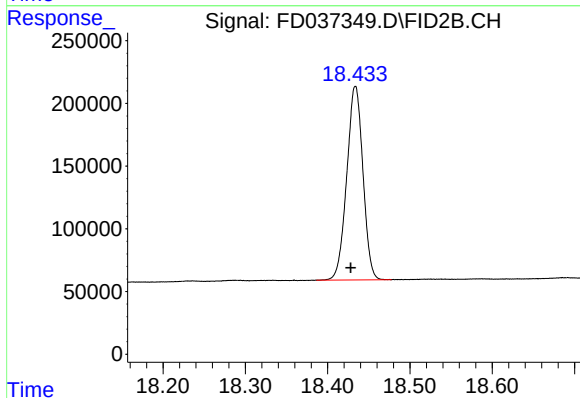
R.T.: 16.723 min
Delta R.T.: 0.005 min
Response: 2009709
Conc: 20.91 ug/ml



#17 n-Tricontane (C30)

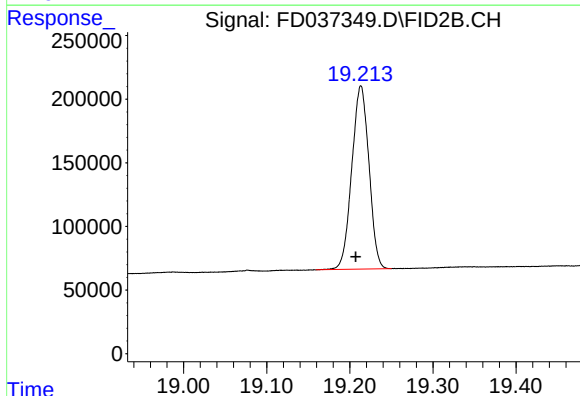
R.T.: 17.606 min
Delta R.T.: 0.006 min
Response: 2079205
Conc: 21.62 ug/ml

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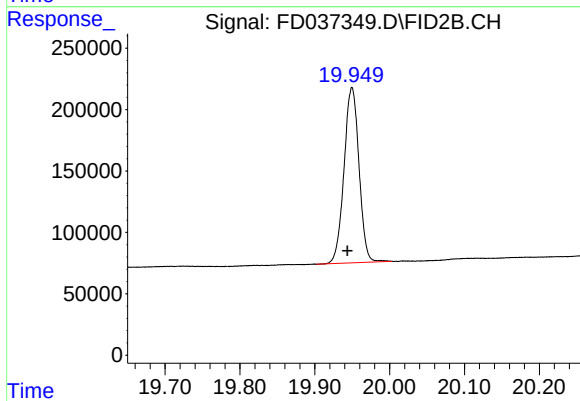
#18 n-Dotriacontane (C32)

R.T.: 18.434 min
Delta R.T.: 0.006 min
Response: 2109267
Conc: 21.45 ug/ml



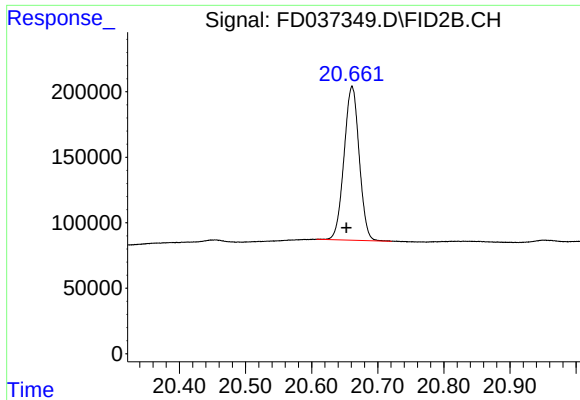
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min
Delta R.T.: 0.006 min
Response: 2064258
Conc: 21.75 ug/ml



#20 n-Hexatriacontane (C36)

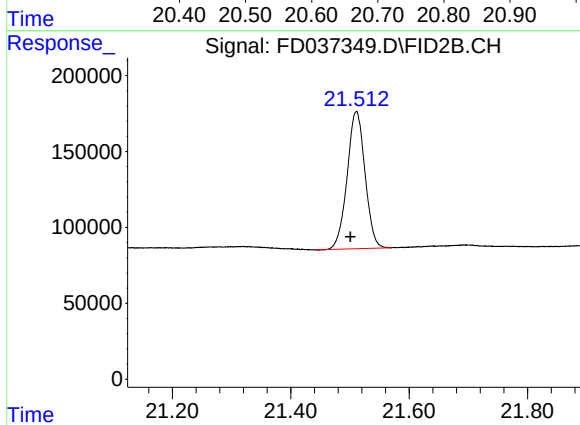
R.T.: 19.950 min
Delta R.T.: 0.006 min
Response: 1984774
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min
Delta R.T.: 0.009 min
Response: 1874873
Conc: 21.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.511 min
Delta R.T.: 0.010 min
Response: 1896843
Conc: 19.77 ug/ml