

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040621AL\
 Data File : FD036738.D
 Signal(s) : FID2B.CH
 Acq On : 06 Apr 2021 15:46
 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: Apr 07 02:32:52 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)	11.488	2983690	20.137 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
12) S 1-chlorooctadecane (S...	12.919	2251220	19.344 ug/ml
Spiked Amount 50.000		Recovery =	38.69%
Target Compounds			
1) T n-Nonane (C9)	3.289	2791212	21.958 ug/ml
2) T n-Decane (C10)	4.350	2842098	22.057 ug/ml
3) T A~Naphthalene (C11.7)	5.923	3172221	21.727 ug/ml
4) T n-Dodecane (C12)	6.360	2924869	22.064 ug/ml
5) T A~2-methylnaphthalene...	6.976	3215482	21.476 ug/ml
6) T n-Tetradecane (C14)	8.148	2924445	21.516 ug/ml
7) T n-Hexadecane (C16)	9.741	2836407	21.298 ug/ml
8) T n-Octadecane (C18)	11.176	2868757	20.710 ug/ml
10) T n-Eicosane (C20)	12.479	2766102	20.010 ug/ml
11) T n-Heneicosane (C21)	13.087	2696673	19.587 ug/ml
13) T n-Docosane (C22)	13.670	2618559	19.251 ug/ml
14) T n-Tetracosane (C24)	14.766	2493042	18.804 ug/ml
15) T n-Hexacosane (C26)	15.781	2344167	18.514 ug/ml
16) T n-Octacosane (C28)	16.725	2240196	18.575 ug/ml
17) T n-Tricontane (C30)	17.607	2169360	18.885 ug/ml
18) T n-Dotriacontane (C32)	18.435	2099027	19.084 ug/ml
19) T n-Tetratriacontane (C34)	19.214	2067853	20.134 ug/ml
20) T n-Hexatriacontane (C36)	19.949	2016249	20.636 ug/ml
21) T n-Octatriacontane (C38)	20.657	1943983	21.026 ug/ml
22) T n-Tetracontane (C40)	21.508	1988718	19.717 ug/ml

(f)=RT Delta > 1/2 Window

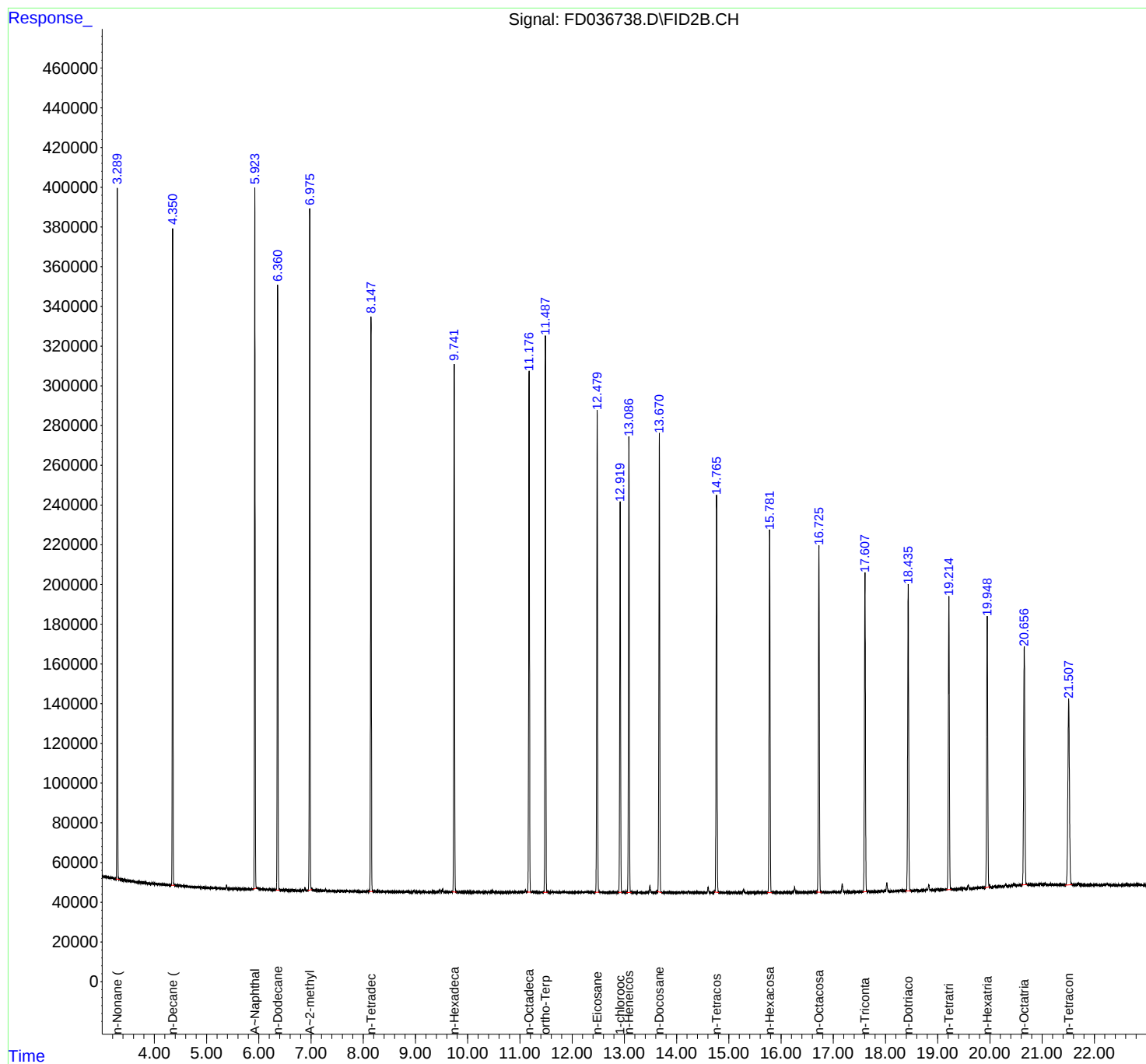
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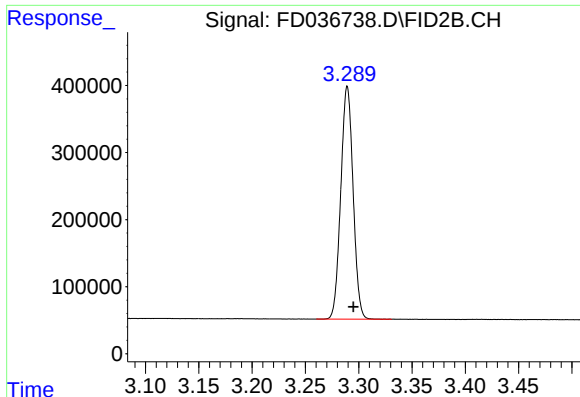
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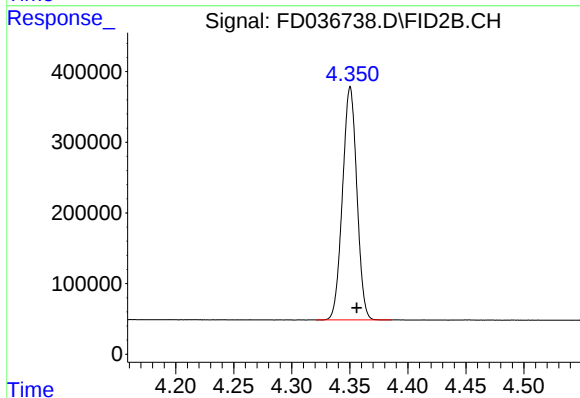




#1 n-Nonane (C9)

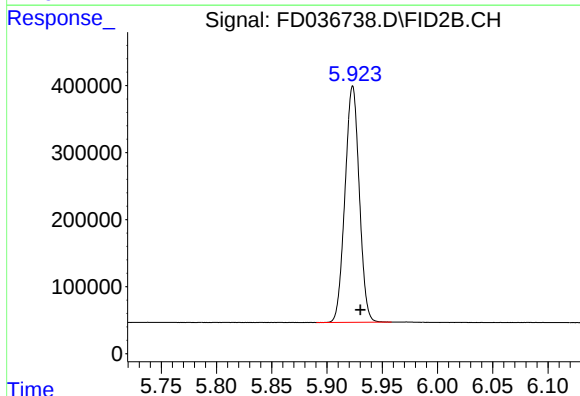
R.T.: 3.289 min
Delta R.T.: -0.006 min
Response: 2791212
Conc: 21.96 ug/ml

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20 PPM ALIPHATIC HC STD



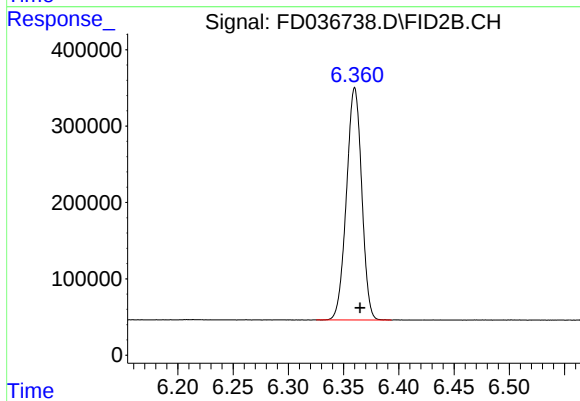
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: -0.006 min
Response: 2842098
Conc: 22.06 ug/ml



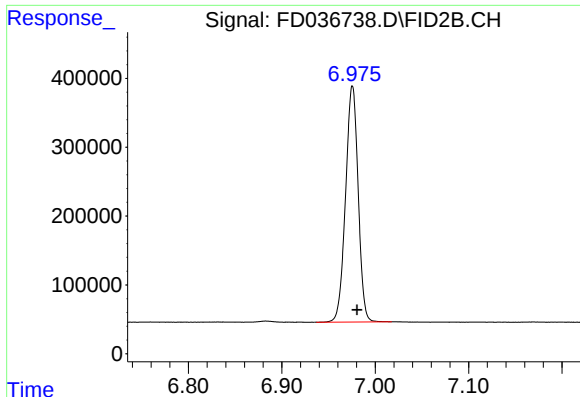
#3 A~Naphthalene (C11.7)

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 3172221
Conc: 21.73 ug/ml



#4 n-Dodecane (C12)

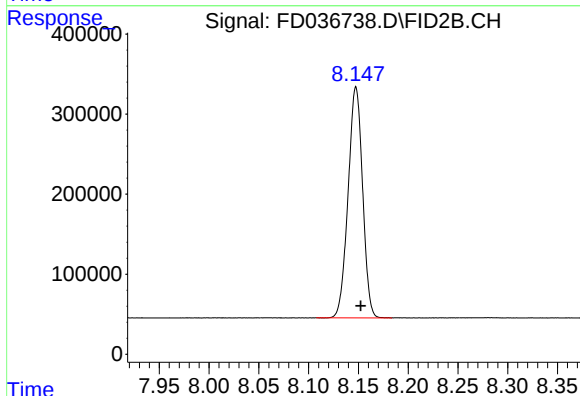
R.T.: 6.360 min
Delta R.T.: -0.005 min
Response: 2924869
Conc: 22.06 ug/ml



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

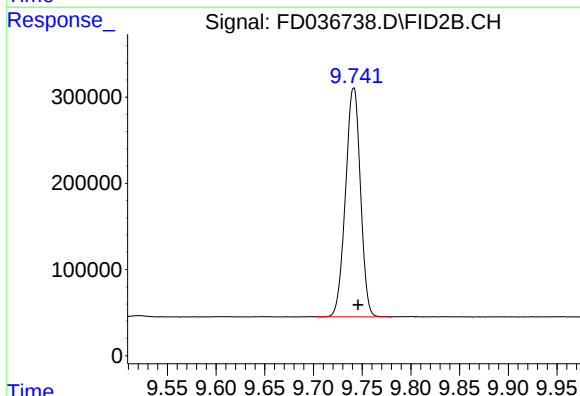
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 3215482
Conc: 21.48 ug/ml

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20 PPM ALIPHATIC HC STD



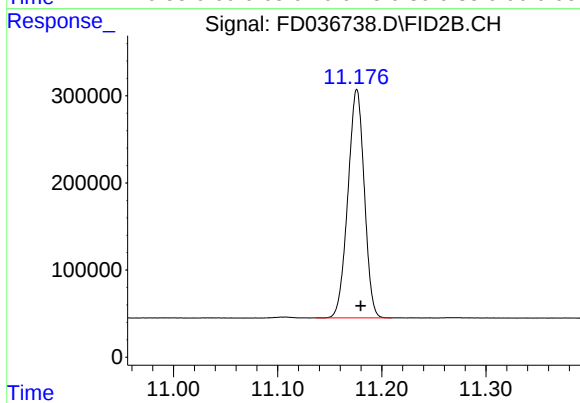
#6 n-Tetradecane (C14)

R.T.: 8.148 min
Delta R.T.: -0.005 min
Response: 2924445
Conc: 21.52 ug/ml



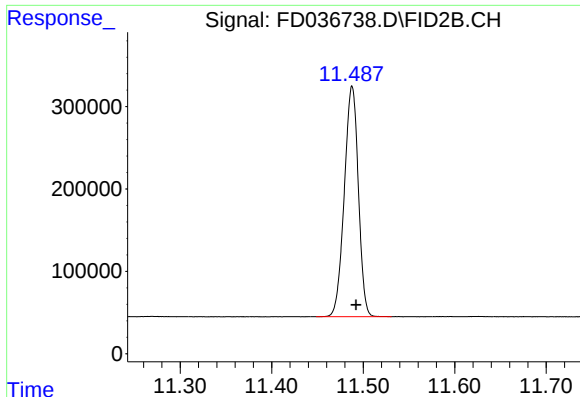
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.004 min
Response: 2836407
Conc: 21.30 ug/ml



#8 n-Octadecane (C18)

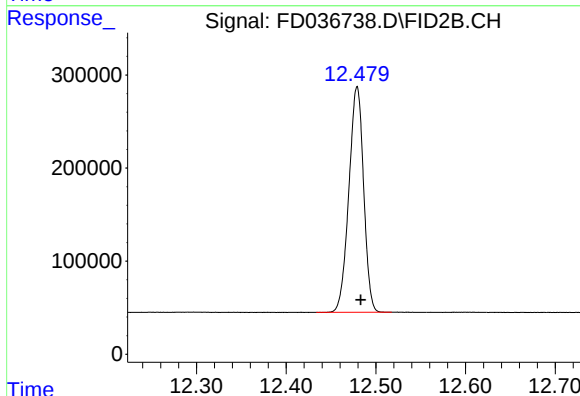
R.T.: 11.176 min
Delta R.T.: -0.004 min
Response: 2868757
Conc: 20.71 ug/ml



#9 ortho-Terphenyl (SURR)

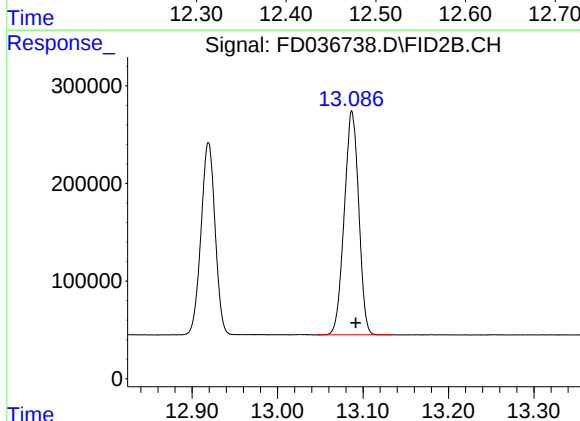
R.T.: 11.488 min
Delta R.T.: -0.004 min
Response: 2983690
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



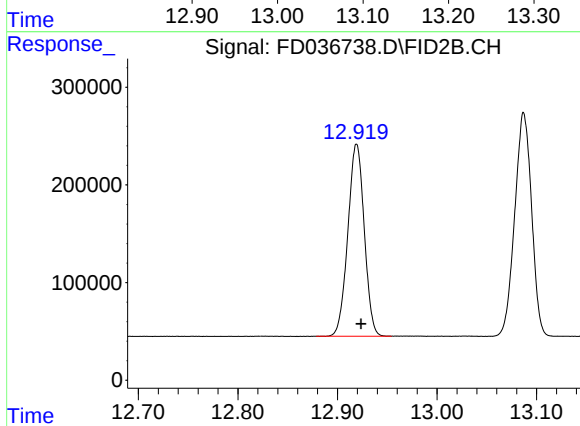
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: -0.004 min
Response: 2766102
Conc: 20.01 ug/ml



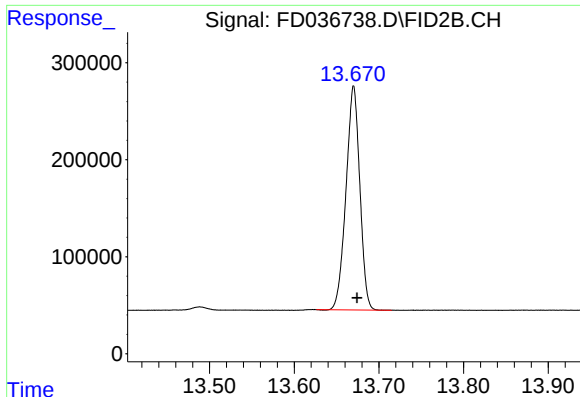
#11 n-Heneicosane (C21)

R.T.: 13.087 min
Delta R.T.: -0.005 min
Response: 2696673
Conc: 19.59 ug/ml



#12 1-chlorooctadecane (SURR)

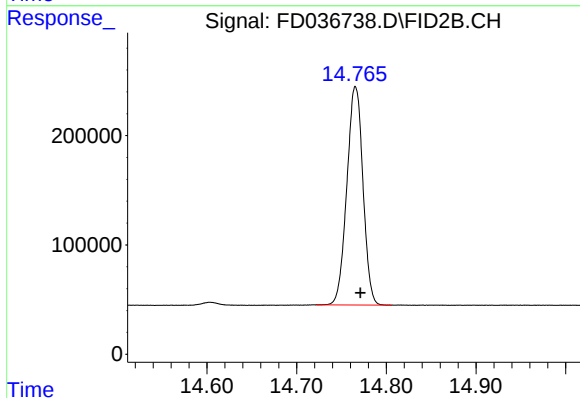
R.T.: 12.919 min
Delta R.T.: -0.004 min
Response: 2251220
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

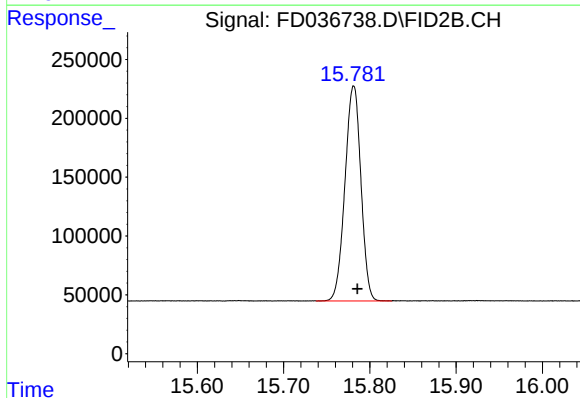
R.T.: 13.670 min
Delta R.T.: -0.004 min
Response: 2618559
Conc: 19.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



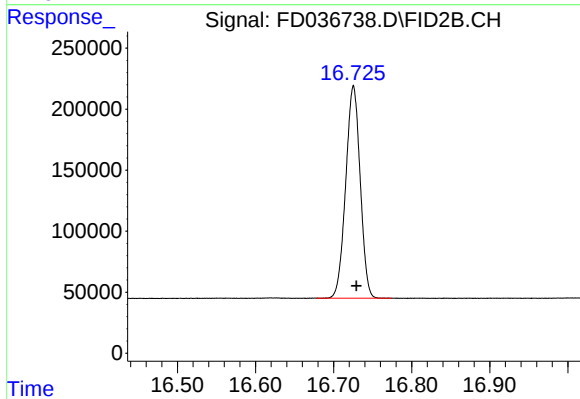
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.005 min
Response: 2493042
Conc: 18.80 ug/ml



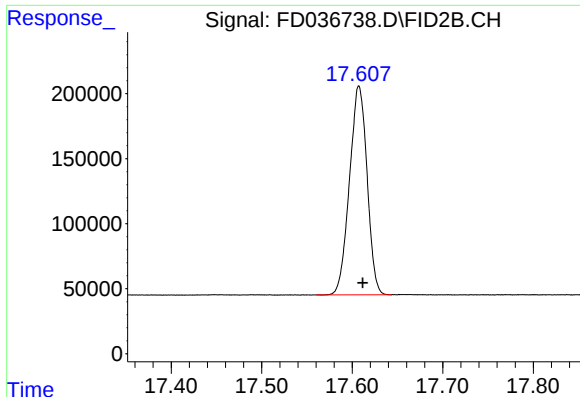
#15 n-Hexacosane (C26)

R.T.: 15.781 min
Delta R.T.: -0.004 min
Response: 2344167
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

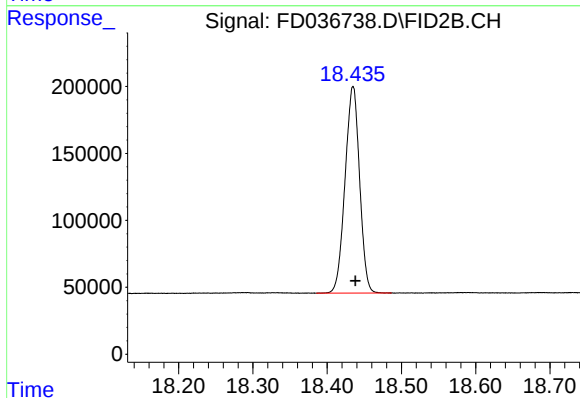
R.T.: 16.725 min
Delta R.T.: -0.004 min
Response: 2240196
Conc: 18.57 ug/ml



#17 n-Tricontane (C30)

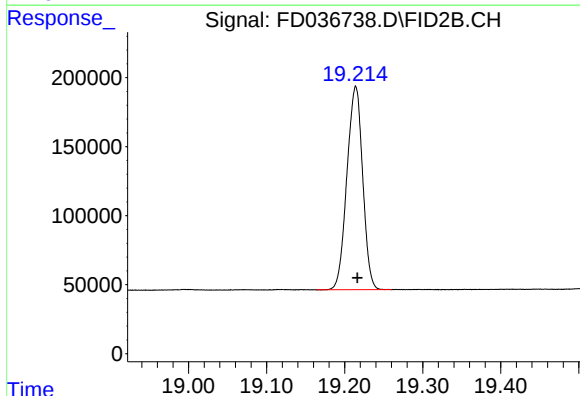
R.T.: 17.607 min
Delta R.T.: -0.004 min
Response: 2169360
Conc: 18.88 ug/ml

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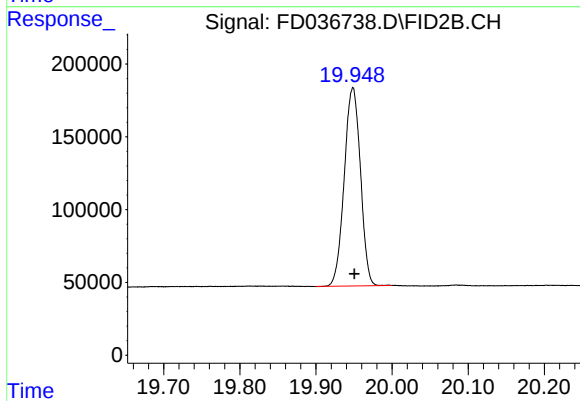
#18 n-Dotriacontane (C32)

R.T.: 18.435 min
Delta R.T.: -0.003 min
Response: 2099027
Conc: 19.08 ug/ml



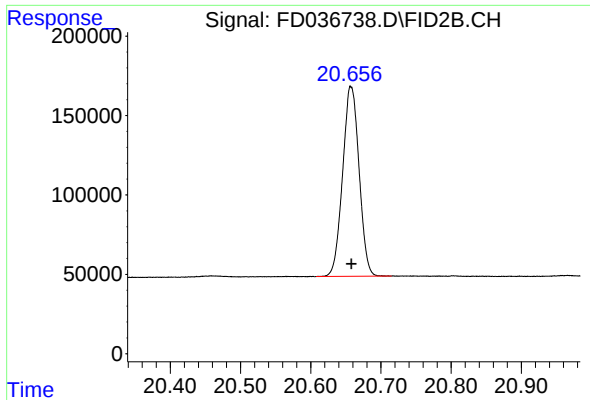
#19 n-Tetratriacontane (C34)

R.T.: 19.214 min
Delta R.T.: -0.002 min
Response: 2067853
Conc: 20.13 ug/ml



#20 n-Hexatriacontane (C36)

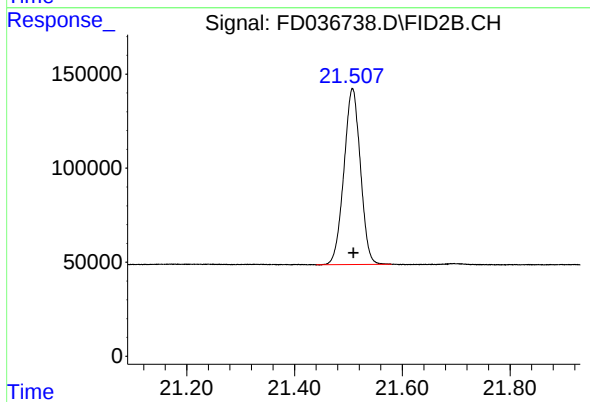
R.T.: 19.949 min
Delta R.T.: -0.002 min
Response: 2016249
Conc: 20.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: 0.000 min
Response: 1943983
Conc: 21.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.002 min
Response: 1988718
Conc: 19.72 ug/ml