

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021921AL\
 Data File : FD036228.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2021 00:17
 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: Feb 20 00:44:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:34:45 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)	11.508	3021391	21.883 ug/ml
Spiked Amount 50.000		Recovery =	43.77%
12) S 1-chlorooctadecane (S...	12.940	2382272	21.630 ug/ml
Spiked Amount 50.000		Recovery =	43.26%
Target Compounds			
1) T n-Nonane (C9)	3.304	2557190	21.656 ug/ml
2) T n-Decane (C10)	4.366	2593332	21.752 ug/ml
3) T A~Naphthalene (C11.7)	5.941	2929385	21.806 ug/ml
4) T n-Dodecane (C12)	6.376	2659200	21.872 ug/ml
5) T A~2-methylnaphthalene...	6.993	3008487	21.916 ug/ml
6) T n-Tetradecane (C14)	8.164	2690297	21.752 ug/ml
7) T n-Hexadecane (C16)	9.759	2670610	21.926 ug/ml
8) T n-Octadecane (C18)	11.195	2792226	21.884 ug/ml
10) T n-Eicosane (C20)	12.498	2808801	21.745 ug/ml
11) T n-Heneicosane (C21)	13.108	2800717	21.570 ug/ml
13) T n-Docosane (C22)	13.692	2818823	21.697 ug/ml
14) T n-Tetracosane (C24)	14.788	2847446	21.773 ug/ml
15) T n-Hexacosane (C26)	15.804	2794773	21.492 ug/ml
16) T n-Octacosane (C28)	16.748	2749774	21.097 ug/ml
17) T n-Tricontane (C30)	17.630	2689823	20.639 ug/ml
18) T n-Dotriacontane (C32)	18.457	2565517	20.140 ug/ml
19) T n-Tetratriacontane (C34)	19.235	2427596	19.445 ug/ml
20) T n-Hexatriacontane (C36)	19.970	2247902	18.925 ug/ml
21) T n-Octatriacontane (C38)	20.682	2077224	18.597 ug/ml
22) T n-Tetracontane (C40)	21.539	2071068	18.558 ug/ml

(f)=RT Delta > 1/2 Window

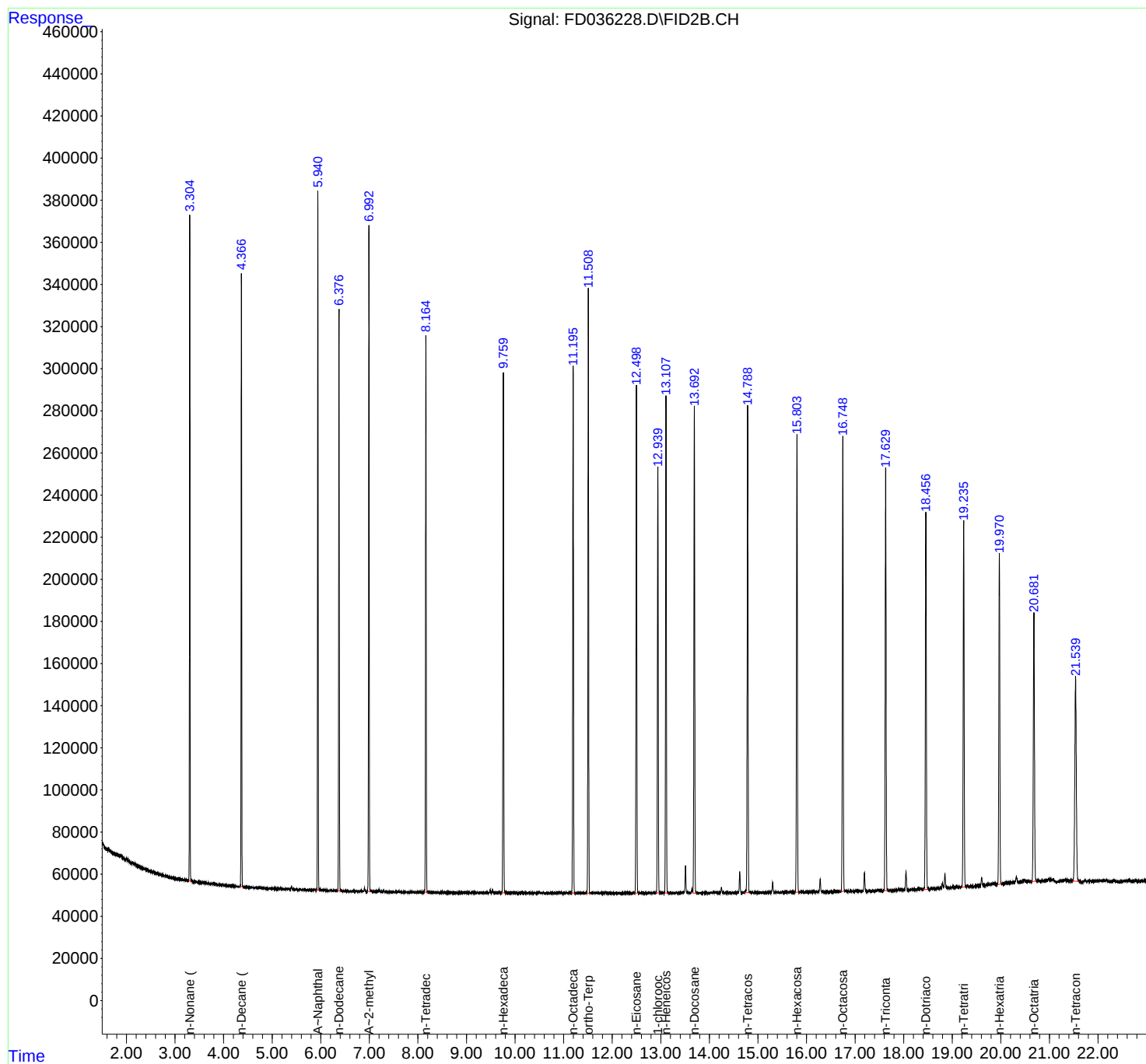
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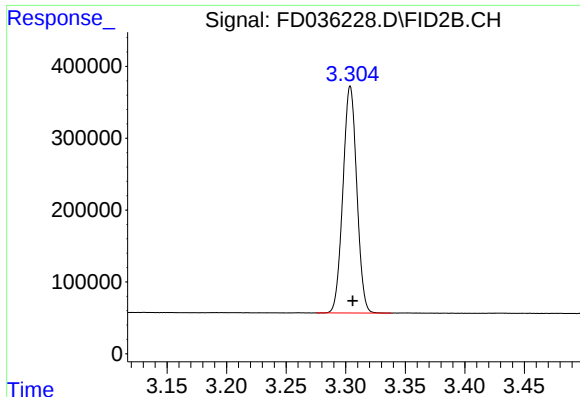
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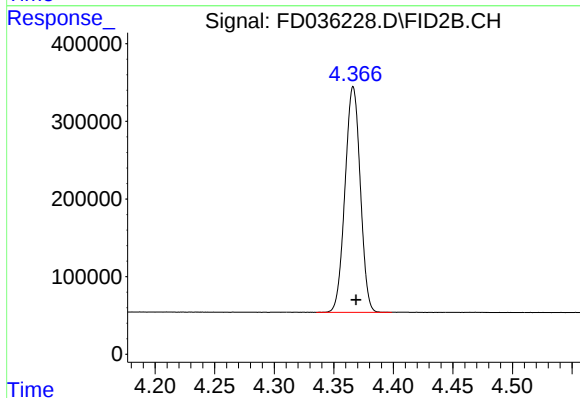




#1 n-Nonane (C9)

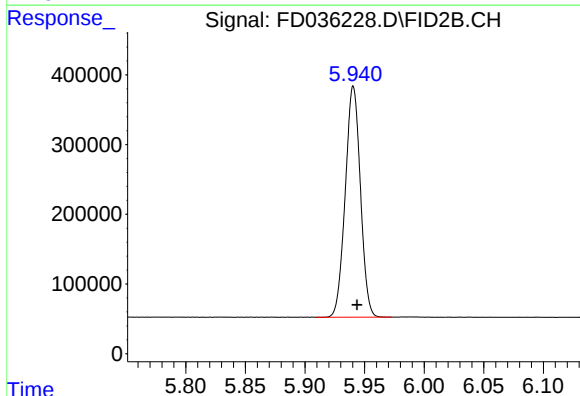
R.T.: 3.304 min
Delta R.T.: -0.002 min
Response: 2557190
Conc: 21.66 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



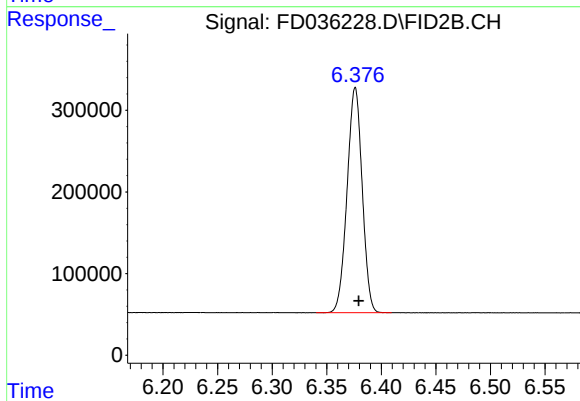
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.002 min
Response: 2593332
Conc: 21.75 ug/ml



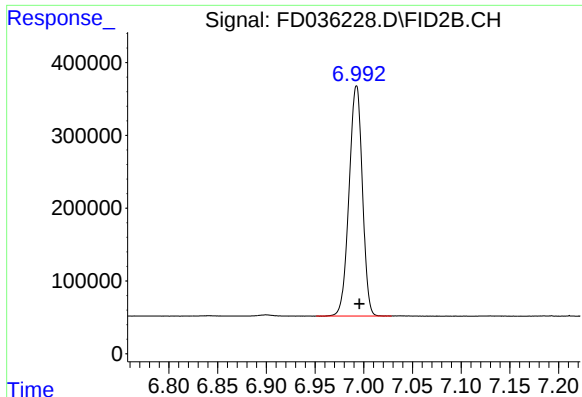
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.003 min
Response: 2929385
Conc: 21.81 ug/ml



#4 n-Dodecane (C12)

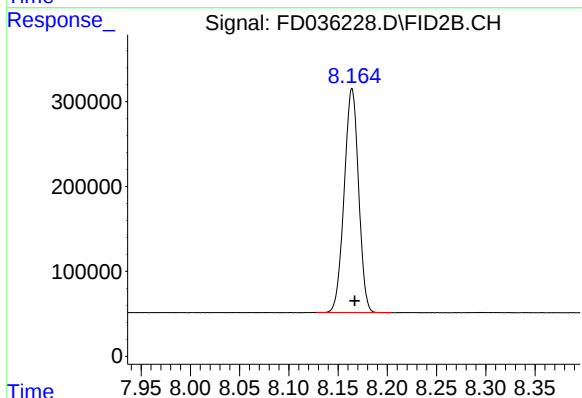
R.T.: 6.376 min
Delta R.T.: -0.003 min
Response: 2659200
Conc: 21.87 ug/ml



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

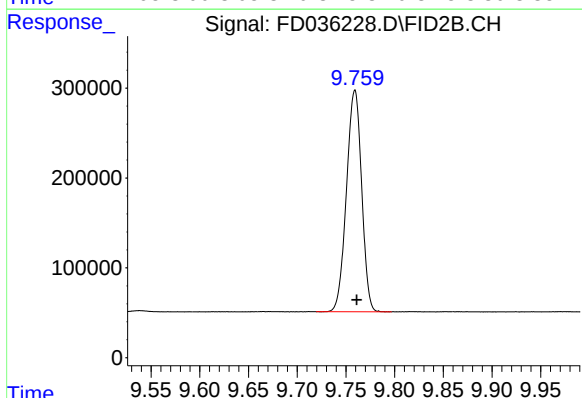
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 3008487
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



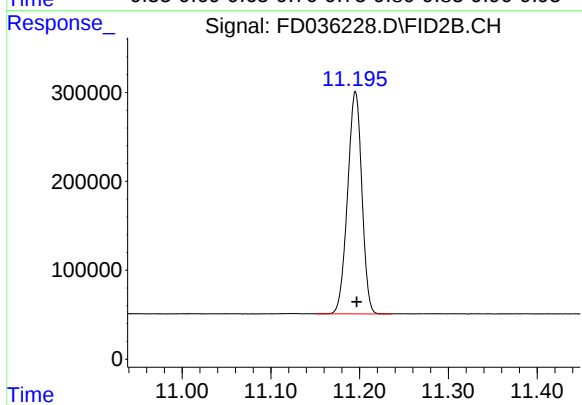
#6 n-Tetradecane (C14)

R.T.: 8.164 min
Delta R.T.: -0.003 min
Response: 2690297
Conc: 21.75 ug/ml



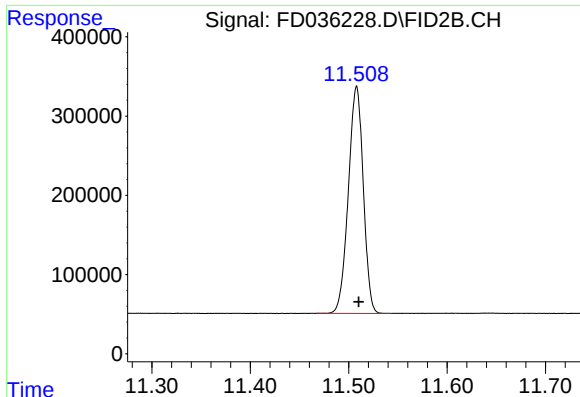
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.002 min
Response: 2670610
Conc: 21.93 ug/ml



#8 n-Octadecane (C18)

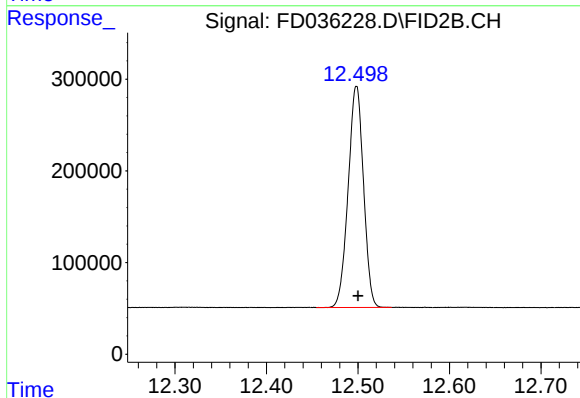
R.T.: 11.195 min
Delta R.T.: -0.001 min
Response: 2792226
Conc: 21.88 ug/ml



#9 ortho-Terphenyl (SURR)

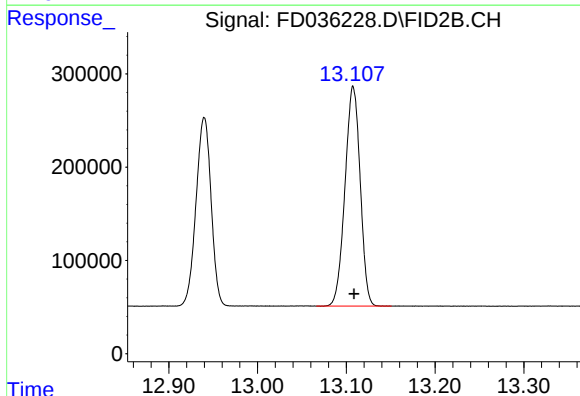
R.T.: 11.508 min
Delta R.T.: -0.002 min
Response: 3021391
Conc: 21.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



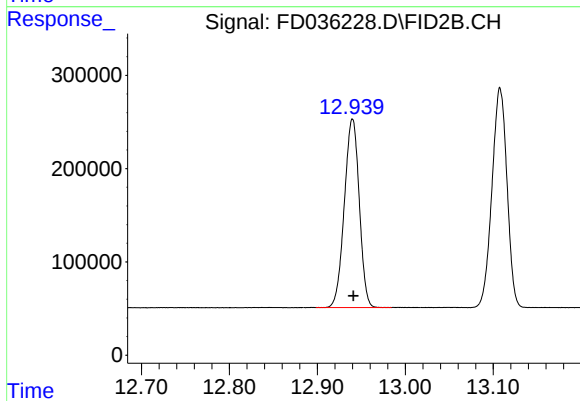
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.002 min
Response: 2808801
Conc: 21.75 ug/ml



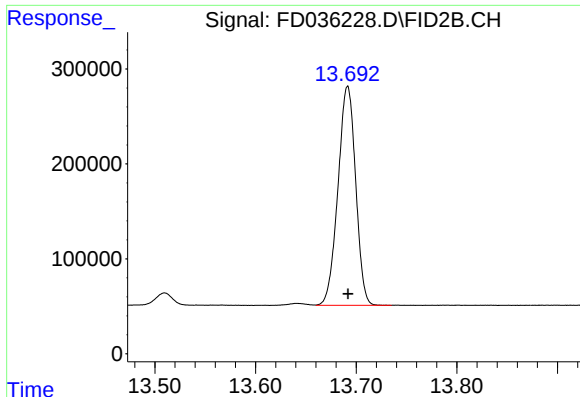
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.001 min
Response: 2800717
Conc: 21.57 ug/ml



#12 1-chlorooctadecane (SURR)

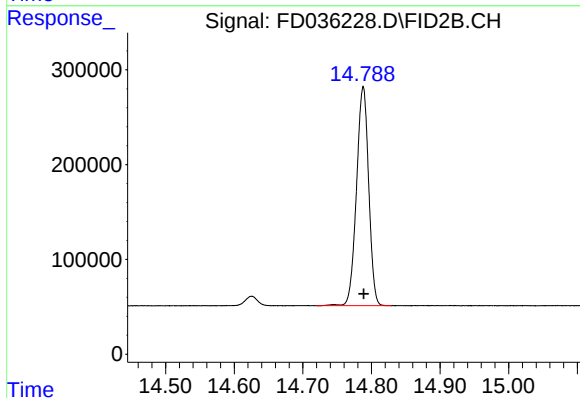
R.T.: 12.940 min
Delta R.T.: -0.001 min
Response: 2382272
Conc: 21.63 ug/ml



#13 n-Docosane (C22)

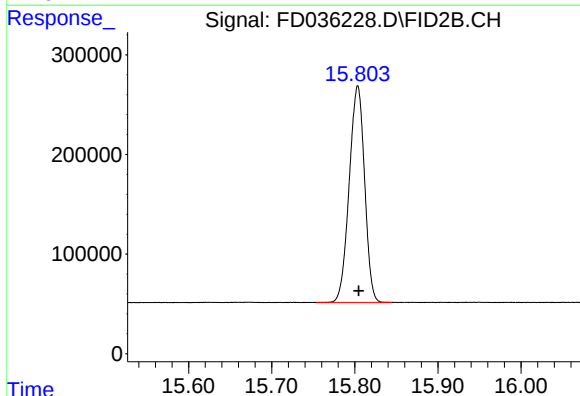
R.T.: 13.692 min
Delta R.T.: 0.000 min
Response: 2818823
Conc: 21.70 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



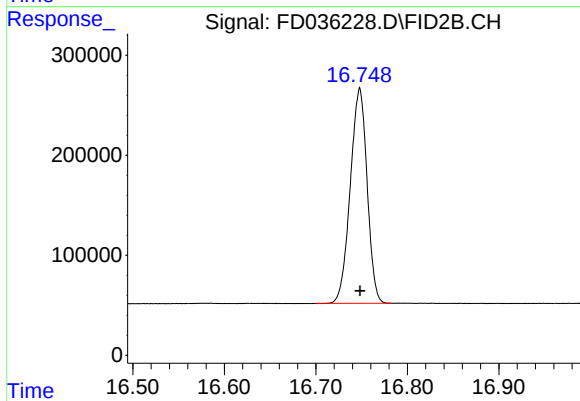
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: 0.000 min
Response: 2847446
Conc: 21.77 ug/ml



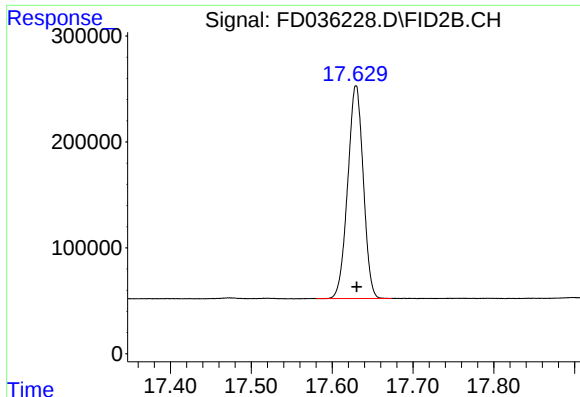
#15 n-Hexacosane (C26)

R.T.: 15.804 min
Delta R.T.: 0.000 min
Response: 2794773
Conc: 21.49 ug/ml



#16 n-Octacosane (C28)

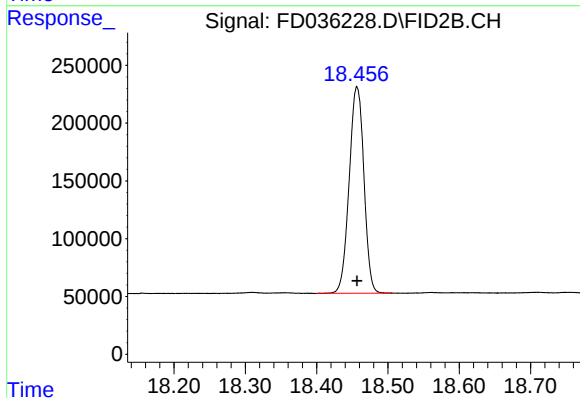
R.T.: 16.748 min
Delta R.T.: 0.000 min
Response: 2749774
Conc: 21.10 ug/ml



#17 n-Tricontane (C30)

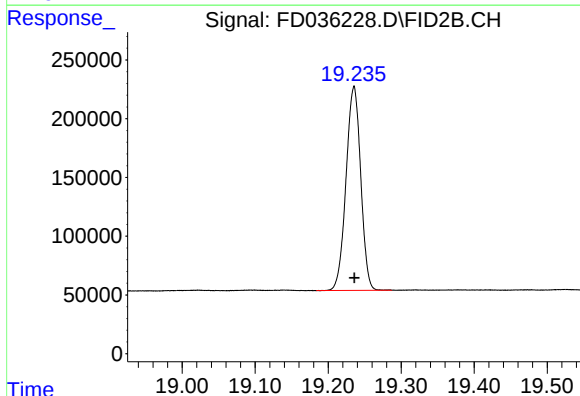
R.T.: 17.630 min
Delta R.T.: 0.000 min
Response: 2689823
Conc: 20.64 ug/ml

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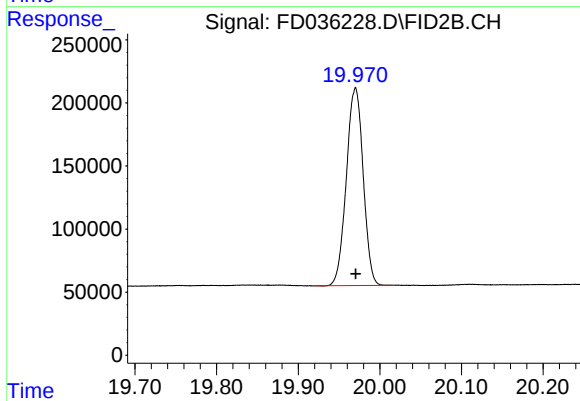
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: 0.000 min
Response: 2565517
Conc: 20.14 ug/ml



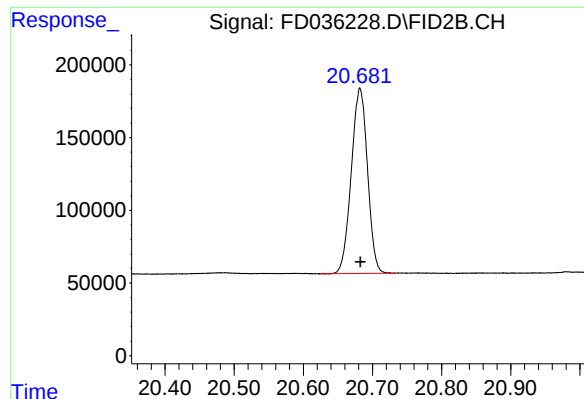
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: 0.000 min
Response: 2427596
Conc: 19.45 ug/ml



#20 n-Hexatriacontane (C36)

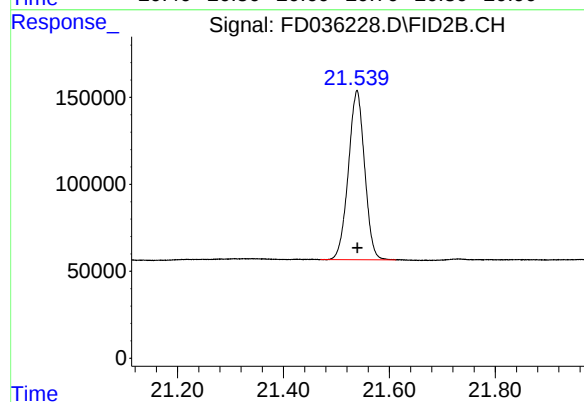
R.T.: 19.970 min
Delta R.T.: 0.000 min
Response: 2247902
Conc: 18.93 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.682 min
Delta R.T.: 0.000 min
Response: 2077224
Conc: 18.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.539 min
Delta R.T.: 0.000 min
Response: 2071068
Conc: 18.56 ug/ml