

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021921AL\
 Data File : FD036208.D
 Signal(s) : FID2B.CH
 Acq On : 19 Feb 2021 10:12
 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 19 22:59:54 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	2958103	21.424 ug/ml
Spiked Amount 50.000		Recovery =	42.85%
12) S 1-chlorooctadecane (S...	12.940	2326843	21.126 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
Target Compounds			
1) T n-Nonane (C9)	3.304	2522776	21.365 ug/ml
2) T n-Decane (C10)	4.367	2555140	21.432 ug/ml
3) T A~Naphthalene (C11.7)	5.942	2879795	21.437 ug/ml
4) T n-Dodecane (C12)	6.378	2620093	21.551 ug/ml
5) T A~2-methylnaphthalene...	6.994	2950305	21.492 ug/ml
6) T n-Tetradecane (C14)	8.165	2642560	21.366 ug/ml
7) T n-Hexadecane (C16)	9.759	2616290	21.480 ug/ml
8) T n-Octadecane (C18)	11.195	2732940	21.420 ug/ml
10) T n-Eicosane (C20)	12.498	2753251	21.315 ug/ml
11) T n-Heneicosane (C21)	13.107	2749385	21.175 ug/ml
13) T n-Docosane (C22)	13.691	2758931	21.236 ug/ml
14) T n-Tetracosane (C24)	14.788	2761162	21.113 ug/ml
15) T n-Hexacosane (C26)	15.802	2740335	21.074 ug/ml
16) T n-Octacosane (C28)	16.746	2704694	20.751 ug/ml
17) T n-Tricontane (C30)	17.628	2647161	20.311 ug/ml
18) T n-Dotriacontane (C32)	18.455	2540874	19.947 ug/ml
19) T n-Tetratriacontane (C34)	19.233	2433685	19.494 ug/ml
20) T n-Hexatriacontane (C36)	19.967	2310792	19.455 ug/ml
21) T n-Octatriacontane (C38)	20.678	2103108	18.829 ug/ml
22) T n-Tetracontane (C40)	21.536	2118337	18.982 ug/ml

(f)=RT Delta > 1/2 Window

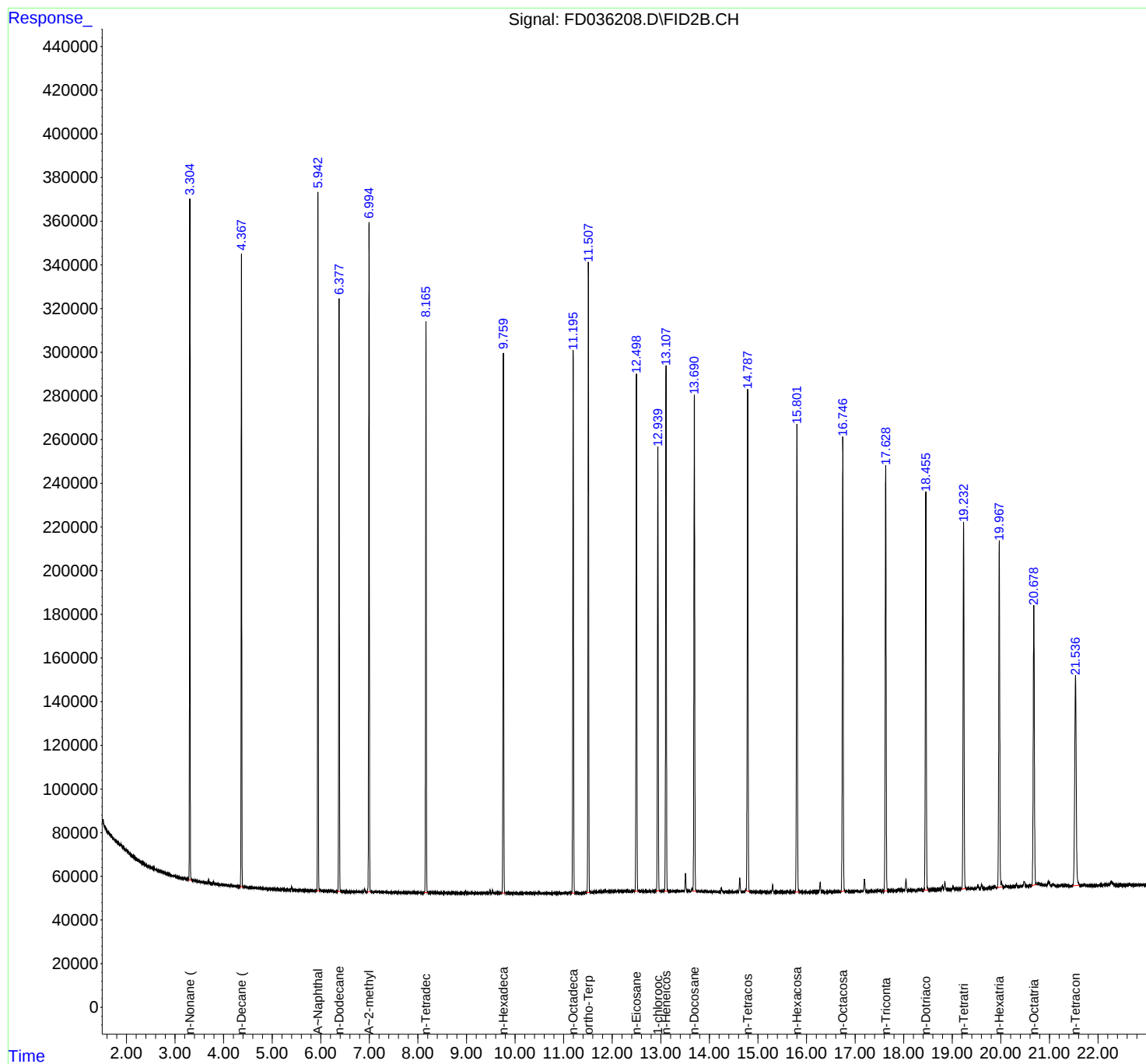
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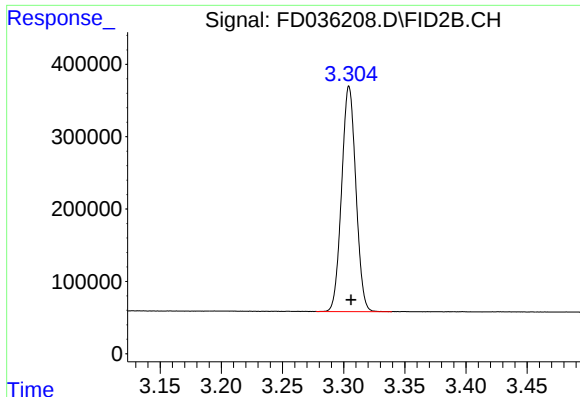
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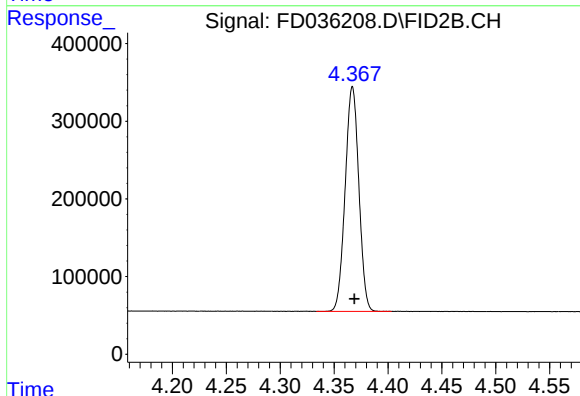




#1 n-Nonane (C9)

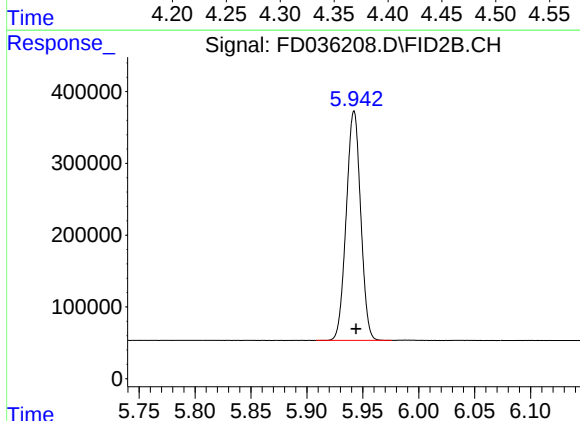
R.T.: 3.304 min
Delta R.T.: -0.002 min
Response: 2522776
Conc: 21.36 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



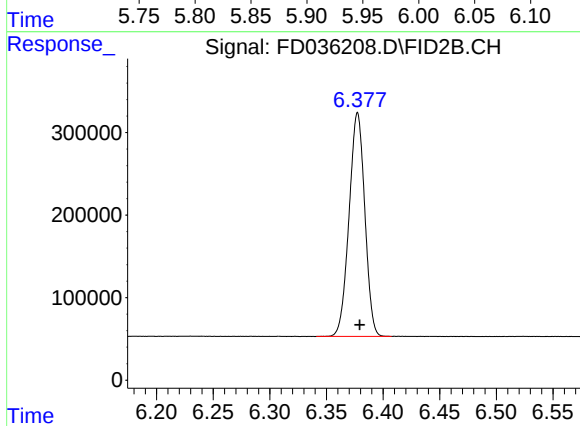
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 2555140
Conc: 21.43 ug/ml



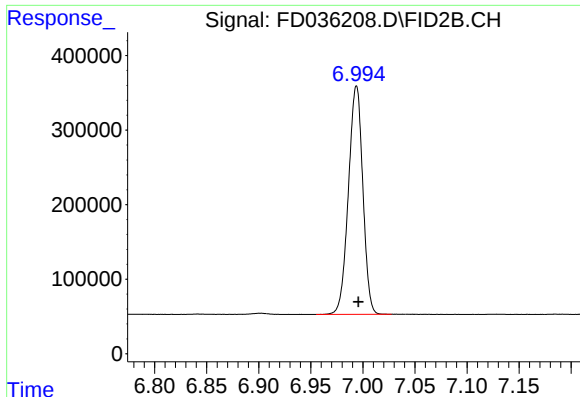
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: -0.002 min
Response: 2879795
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

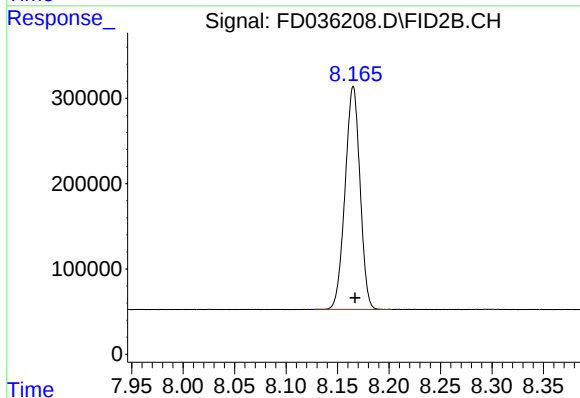
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 2620093
Conc: 21.55 ug/ml



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

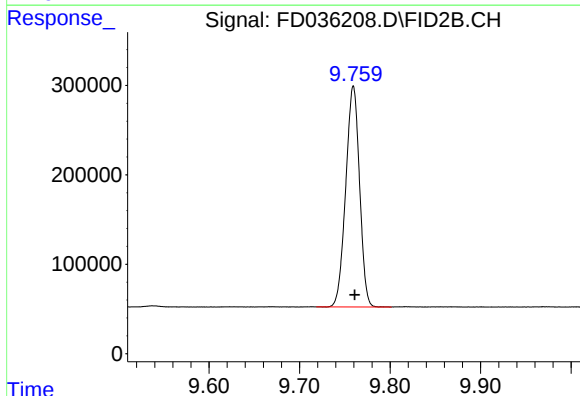
R.T.: 6.994 min
Delta R.T.: -0.002 min
Response: 2950305
Conc: 21.49 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



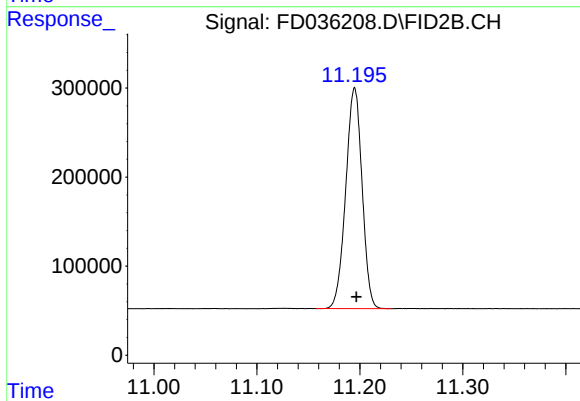
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.002 min
Response: 2642560
Conc: 21.37 ug/ml



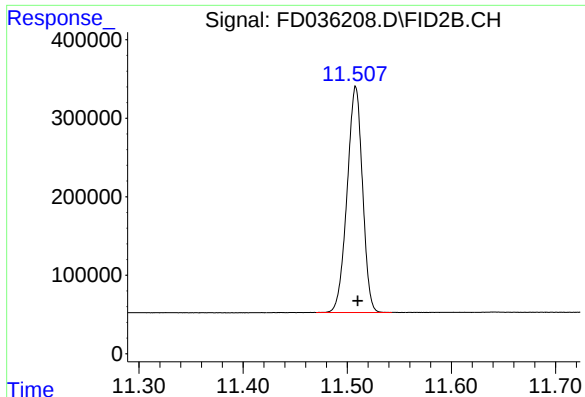
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 2616290
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

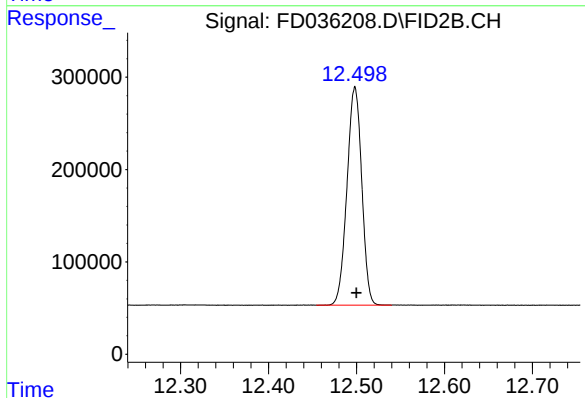
R.T.: 11.195 min
Delta R.T.: -0.002 min
Response: 2732940
Conc: 21.42 ug/ml



#9 ortho-Terphenyl (SURR)

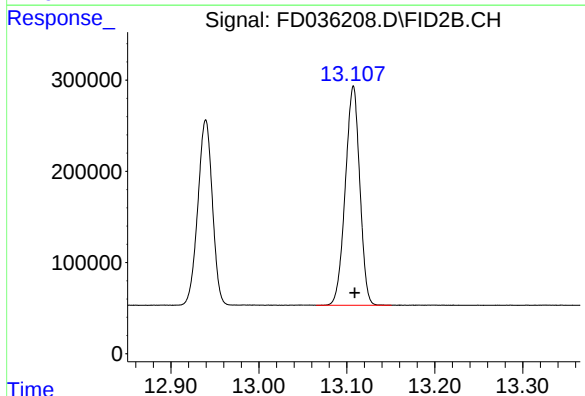
R.T.: 11.508 min
Delta R.T.: -0.002 min
Response: 2958103
Conc: 21.42 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



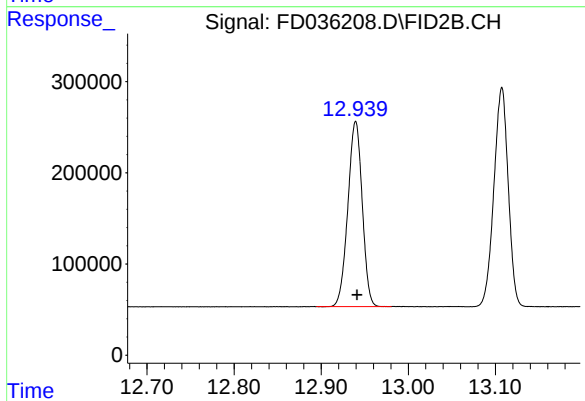
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.002 min
Response: 2753251
Conc: 21.32 ug/ml



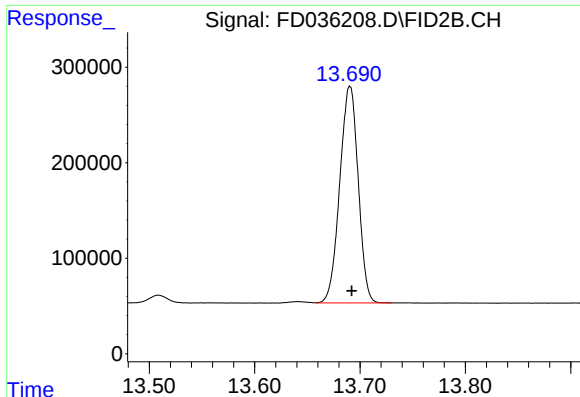
#11 n-Heneicosane (C21)

R.T.: 13.107 min
Delta R.T.: -0.001 min
Response: 2749385
Conc: 21.17 ug/ml



#12 1-chlorooctadecane (SURR)

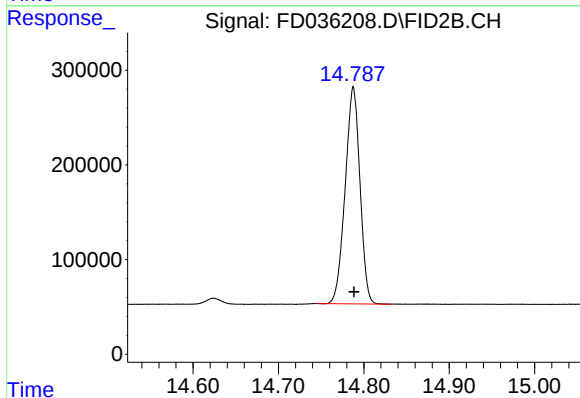
R.T.: 12.940 min
Delta R.T.: -0.002 min
Response: 2326843
Conc: 21.13 ug/ml



#13 n-Docosane (C22)

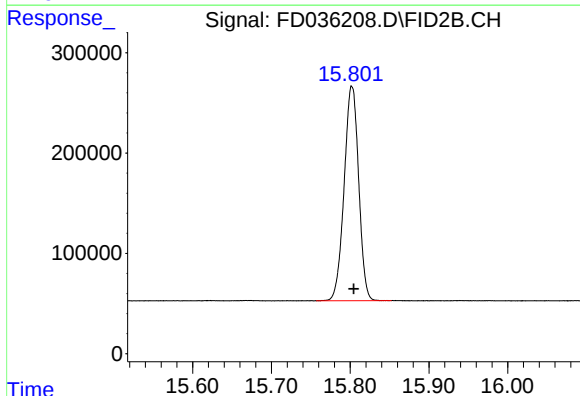
R.T.: 13.691 min
Delta R.T.: -0.002 min
Response: 2758931
Conc: 21.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



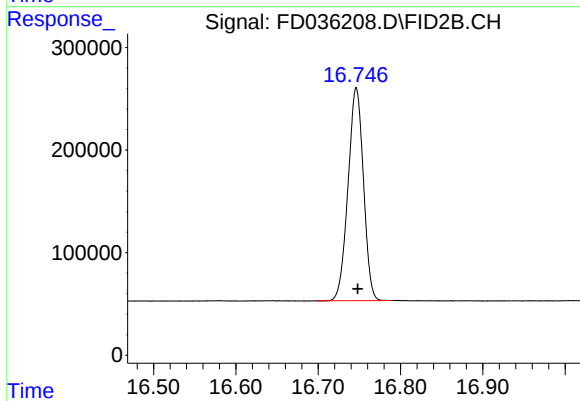
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.001 min
Response: 2761162
Conc: 21.11 ug/ml



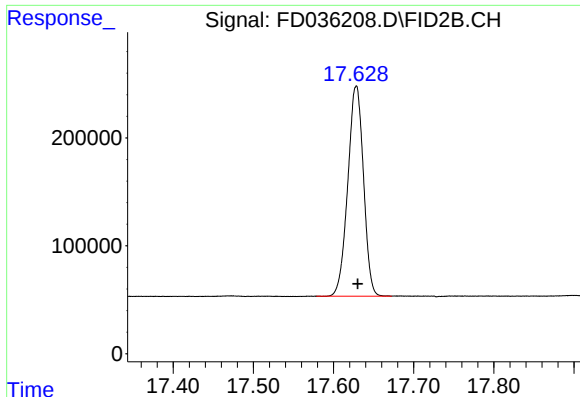
#15 n-Hexacosane (C26)

R.T.: 15.802 min
Delta R.T.: -0.002 min
Response: 2740335
Conc: 21.07 ug/ml



#16 n-Octacosane (C28)

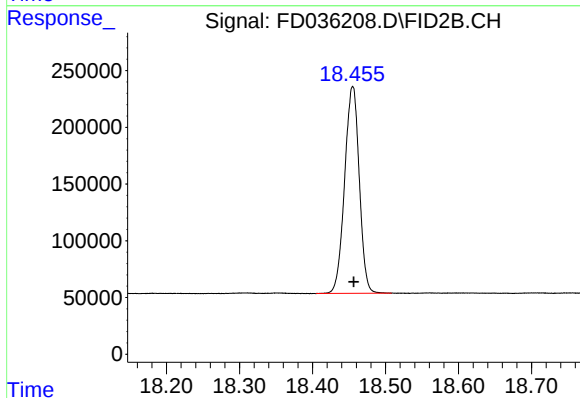
R.T.: 16.746 min
Delta R.T.: -0.002 min
Response: 2704694
Conc: 20.75 ug/ml



#17 n-Tricontane (C30)

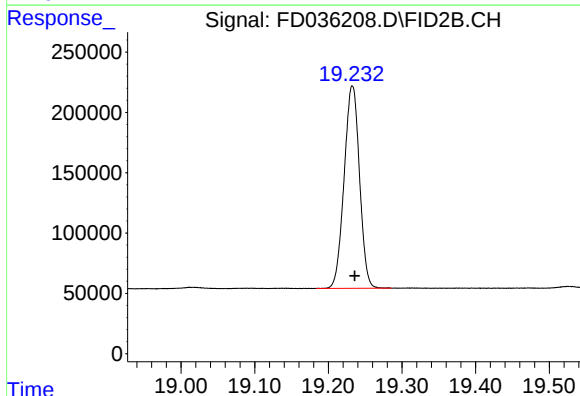
R.T.: 17.628 min
Delta R.T.: -0.002 min
Response: 2647161
Conc: 20.31 ug/ml

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20 PPM ALIPHATIC HC STD



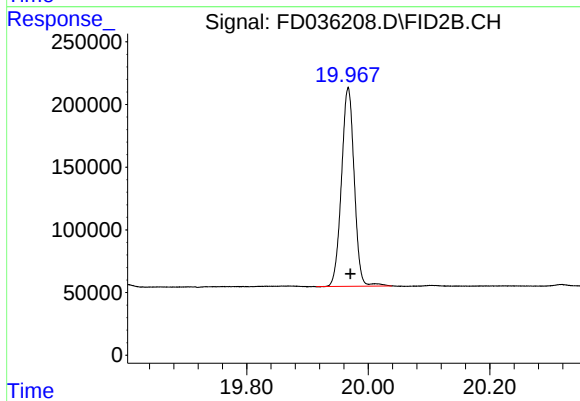
#18 n-Dotriacontane (C32)

R.T.: 18.455 min
Delta R.T.: -0.002 min
Response: 2540874
Conc: 19.95 ug/ml



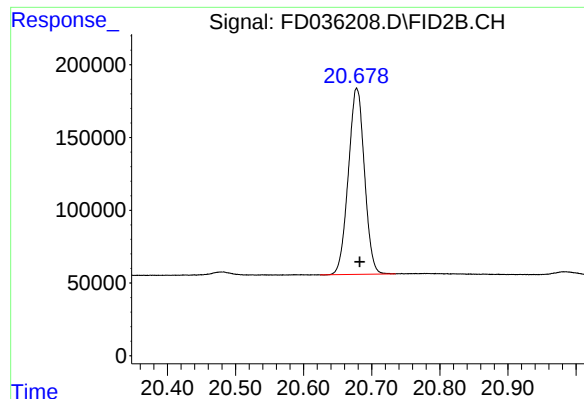
#19 n-Tetratriacontane (C34)

R.T.: 19.233 min
Delta R.T.: -0.003 min
Response: 2433685
Conc: 19.49 ug/ml



#20 n-Hexatriacontane (C36)

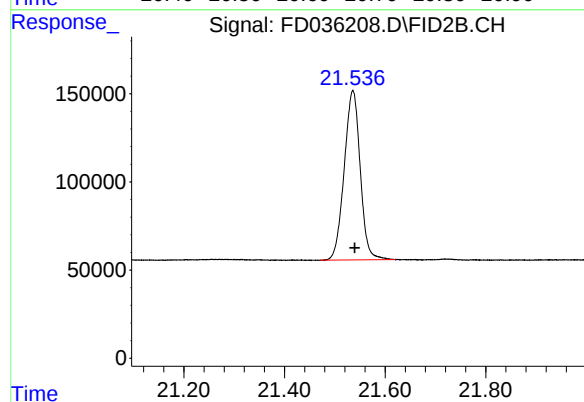
R.T.: 19.967 min
Delta R.T.: -0.003 min
Response: 2310792
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.678 min
Delta R.T.: -0.004 min
Response: 2103108
Conc: 18.83 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.536 min
Delta R.T.: -0.004 min
Response: 2118337
Conc: 18.98 ug/ml