

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AL\
 Data File : FD036567.D
 Signal(s) : FID2B.CH
 Acq On : 26 Mar 2021 15:36
 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: Mar 26 23:09:07 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)	11.492	3130431	21.127 ug/ml
Spiked Amount 50.000		Recovery =	42.25%
12) S 1-chlorooctadecane (S...	12.924	2411868	20.724 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	3.293	2772325	21.810 ug/ml
2) T n-Decane (C10)	4.353	2815947	21.854 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3159498	21.640 ug/ml
4) T n-Dodecane (C12)	6.362	2890085	21.802 ug/ml
5) T A~2-methylnaphthalene...	6.978	3224983	21.539 ug/ml
6) T n-Tetradecane (C14)	8.149	2912416	21.427 ug/ml
7) T n-Hexadecane (C16)	9.743	2861702	21.488 ug/ml
8) T n-Octadecane (C18)	11.179	2948043	21.283 ug/ml
10) T n-Eicosane (C20)	12.483	2901984	20.993 ug/ml
11) T n-Heneicosane (C21)	13.092	2856224	20.746 ug/ml
13) T n-Docosane (C22)	13.675	2804758	20.620 ug/ml
14) T n-Tetracosane (C24)	14.772	2707999	20.426 ug/ml
15) T n-Hexacosane (C26)	15.788	2562742	20.240 ug/ml
16) T n-Octacosane (C28)	16.733	2426276	20.118 ug/ml
17) T n-Tricontane (C30)	17.614	2297390	19.999 ug/ml
18) T n-Dotriacontane (C32)	18.440	2164965	19.683 ug/ml
19) T n-Tetratriacontane (C34)	19.219	2060181	20.059 ug/ml
20) T n-Hexatriacontane (C36)	19.952	1956950	20.029 ug/ml
21) T n-Octatriacontane (C38)	20.664	1894132	20.487 ug/ml
22) T n-Tetracontane (C40)	21.513	1962265	19.455 ug/ml

(f)=RT Delta > 1/2 Window

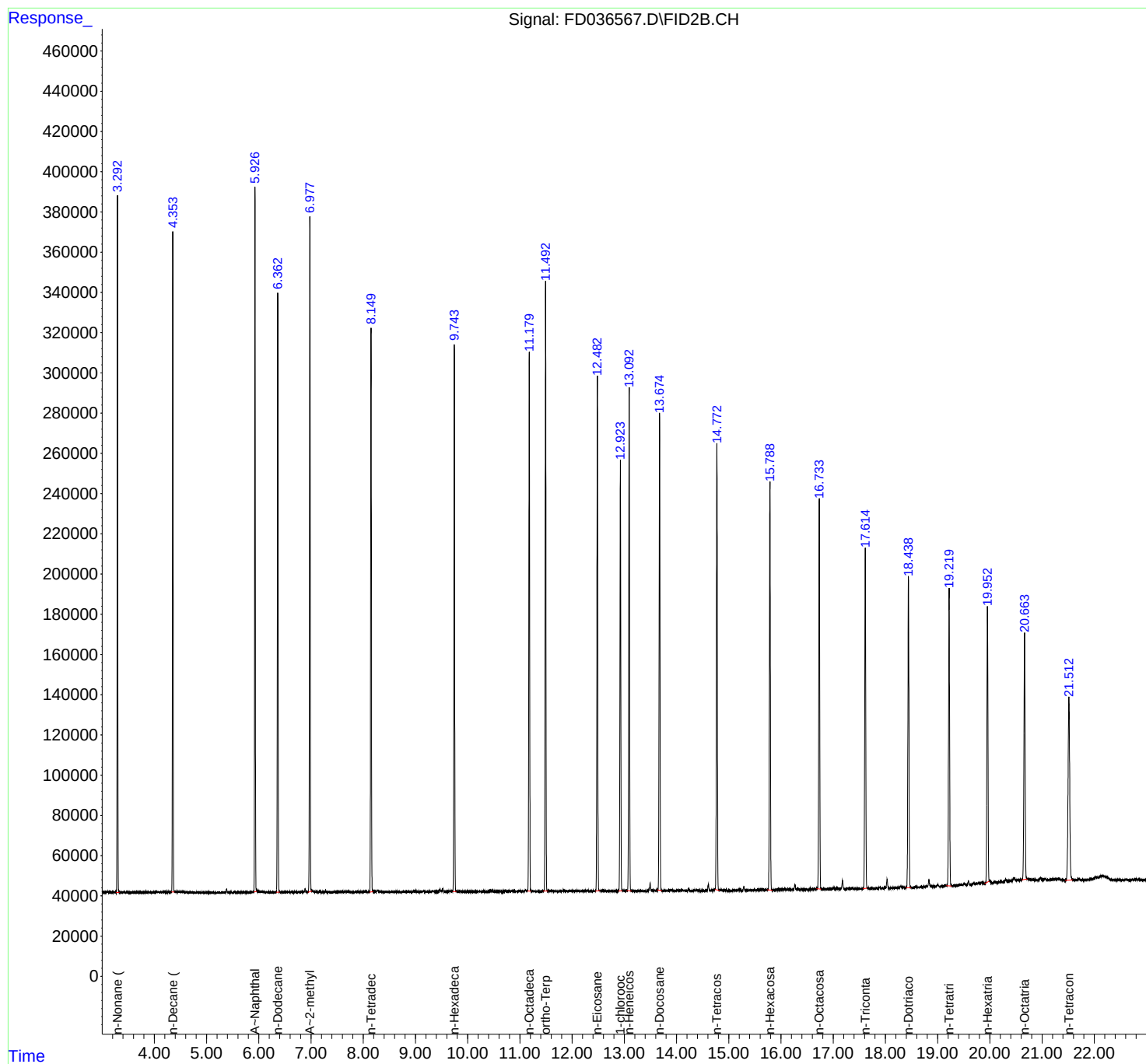
(m)=manual int.

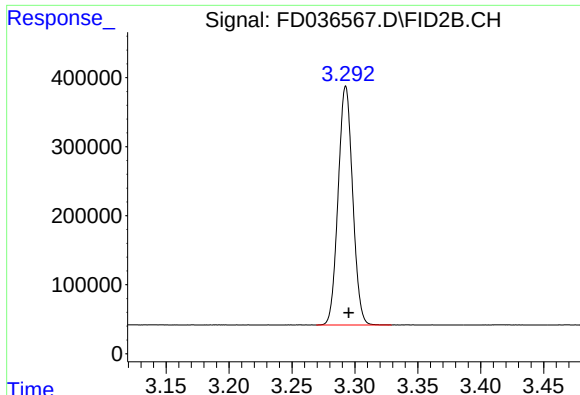
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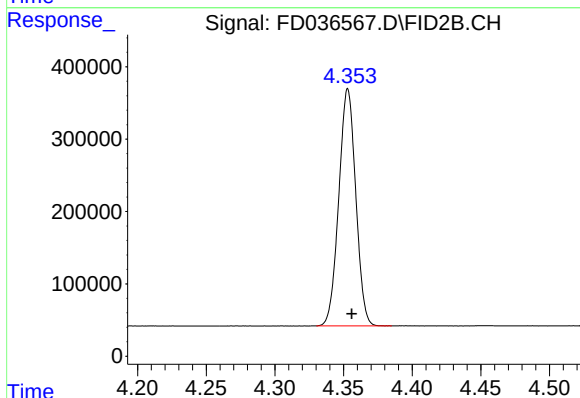




#1 n-Nonane (C9)

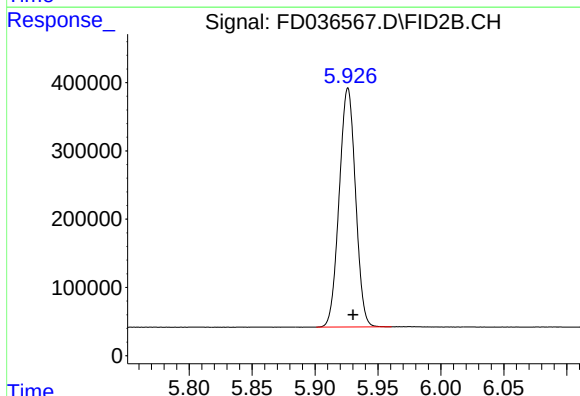
R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 2772325
Conc: 21.81 ug/ml

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20 PPM ALIPHATIC HC STD



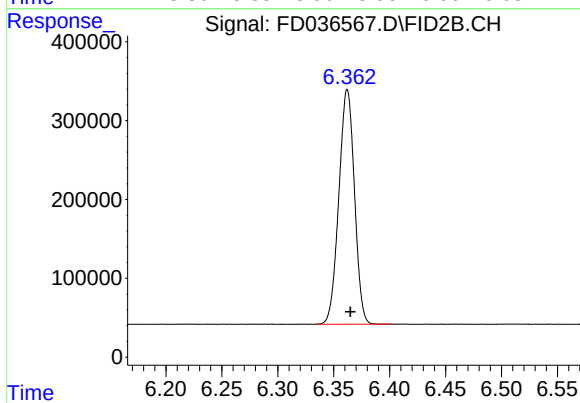
#2 n-Decane (C10)

R.T.: 4.353 min
Delta R.T.: -0.003 min
Response: 2815947
Conc: 21.85 ug/ml



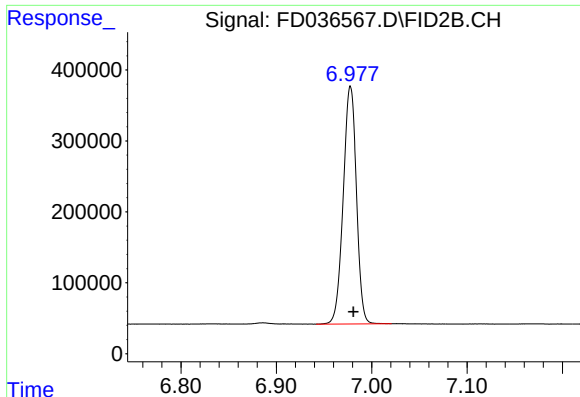
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 3159498
Conc: 21.64 ug/ml



#4 n-Dodecane (C12)

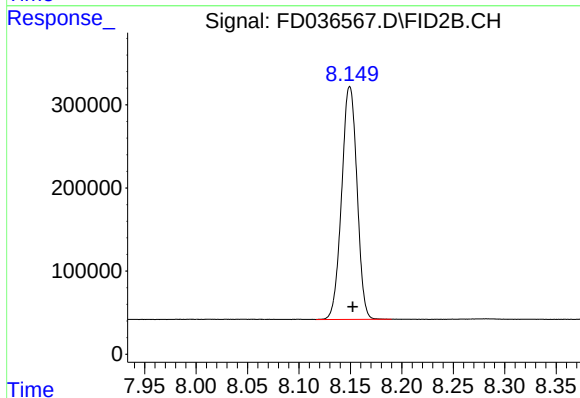
R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 2890085
Conc: 21.80 ug/ml



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

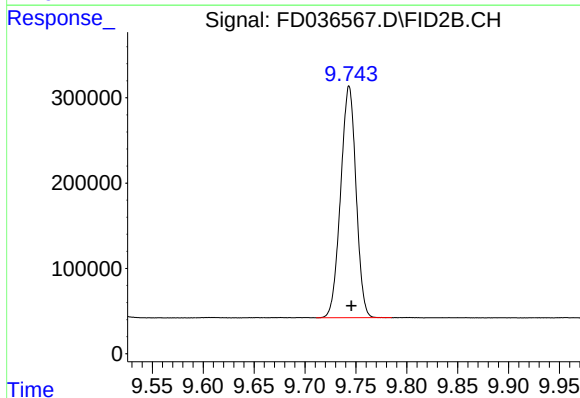
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 3224983
Conc: 21.54 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



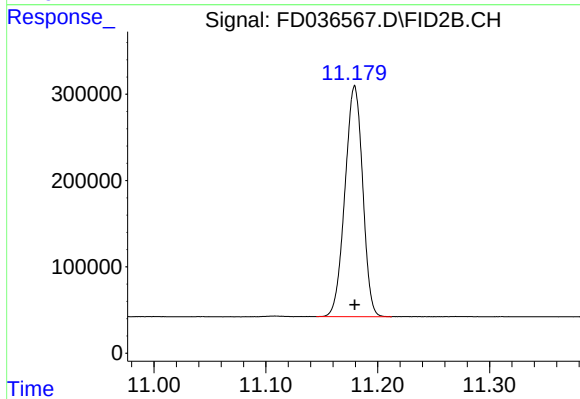
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 2912416
Conc: 21.43 ug/ml



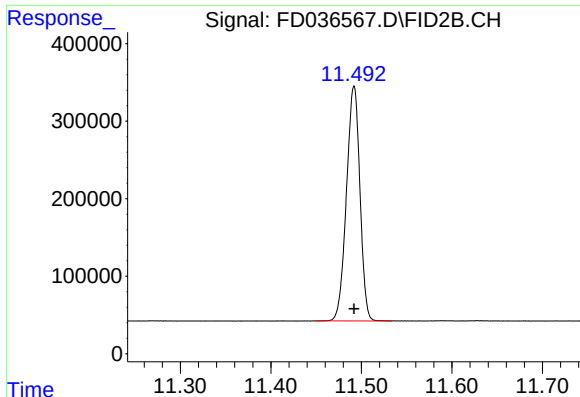
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.002 min
Response: 2861702
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

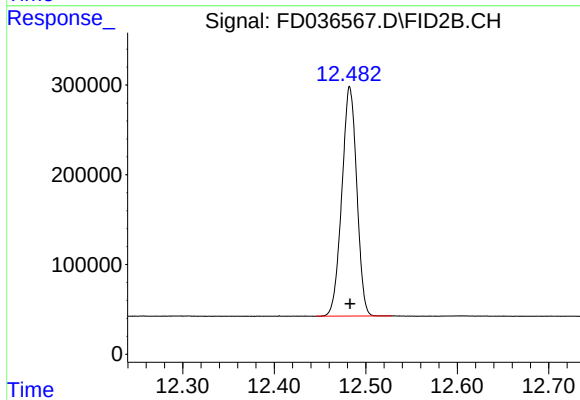
R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 2948043
Conc: 21.28 ug/ml



#9 ortho-Terphenyl (SURR)

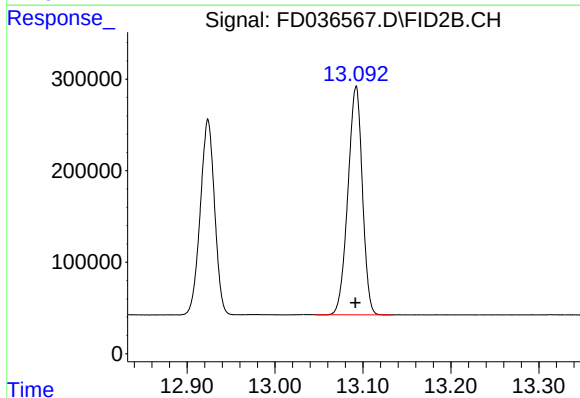
R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 3130431
Conc: 21.13 ug/ml

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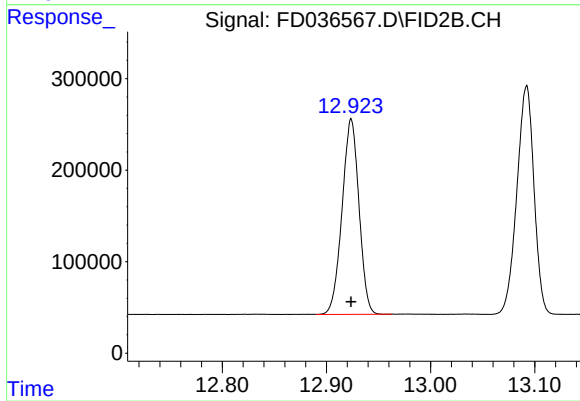
#10 n-Eicosane (C20)

R.T.: 12.483 min
Delta R.T.: 0.000 min
Response: 2901984
Conc: 20.99 ug/ml



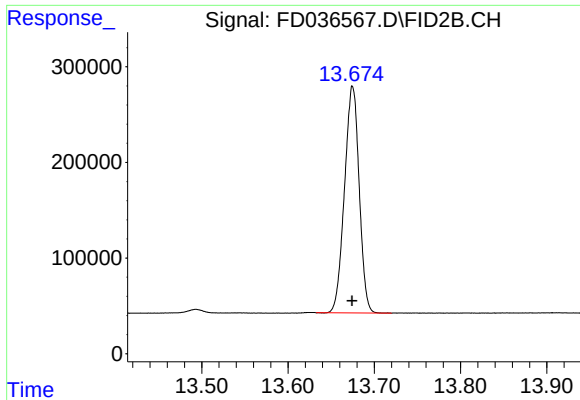
#11 n-Heneicosane (C21)

R.T.: 13.092 min
Delta R.T.: 0.000 min
Response: 2856224
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

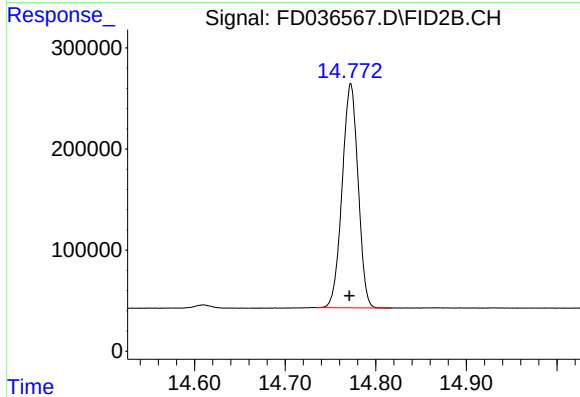
R.T.: 12.924 min
Delta R.T.: 0.000 min
Response: 2411868
Conc: 20.72 ug/ml



#13 n-Docosane (C22)

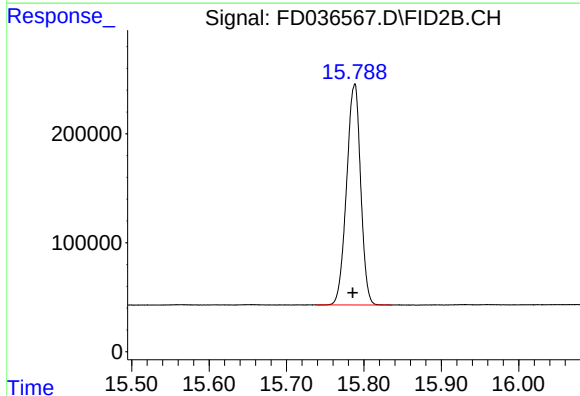
R.T.: 13.675 min
Delta R.T.: 0.000 min
Response: 2804758
Conc: 20.62 ug/ml

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20 PPM ALIPHATIC HC STD



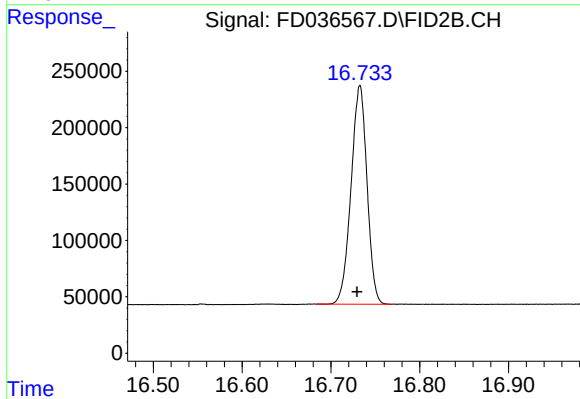
#14 n-Tetracosane (C24)

R.T.: 14.772 min
Delta R.T.: 0.002 min
Response: 2707999
Conc: 20.43 ug/ml



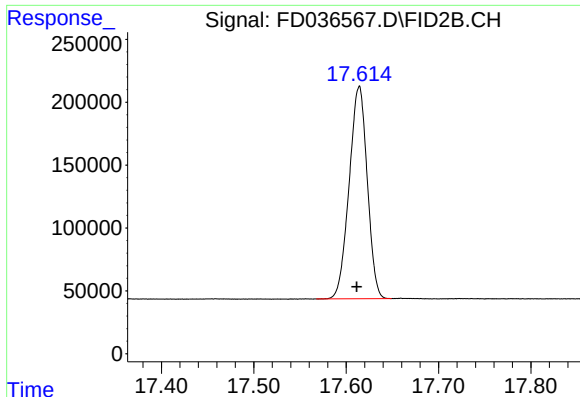
#15 n-Hexacosane (C26)

R.T.: 15.788 min
Delta R.T.: 0.003 min
Response: 2562742
Conc: 20.24 ug/ml



#16 n-Octacosane (C28)

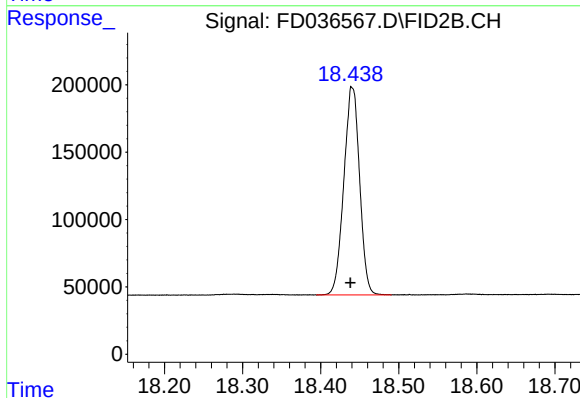
R.T.: 16.733 min
Delta R.T.: 0.003 min
Response: 2426276
Conc: 20.12 ug/ml



#17 n-Tricontane (C30)

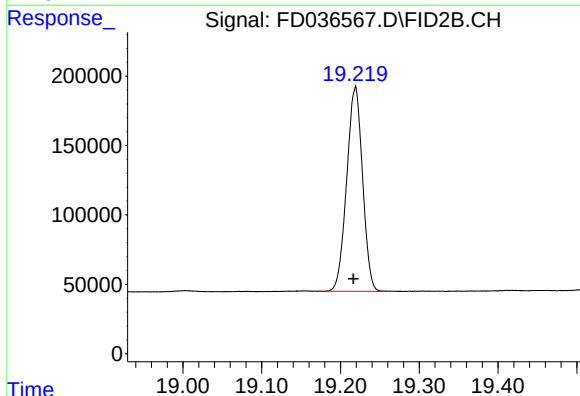
R.T.: 17.614 min
Delta R.T.: 0.003 min
Response: 2297390
Conc: 20.00 ug/ml

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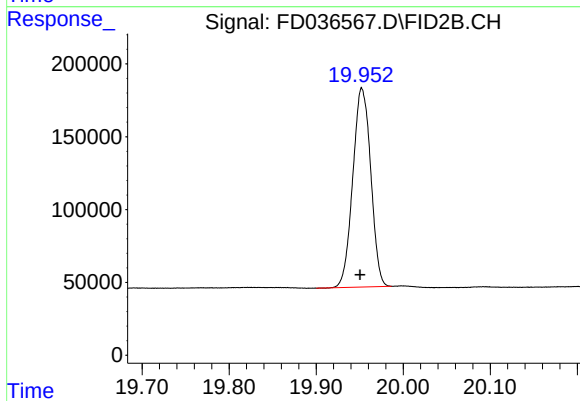
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: 0.002 min
Response: 2164965
Conc: 19.68 ug/ml



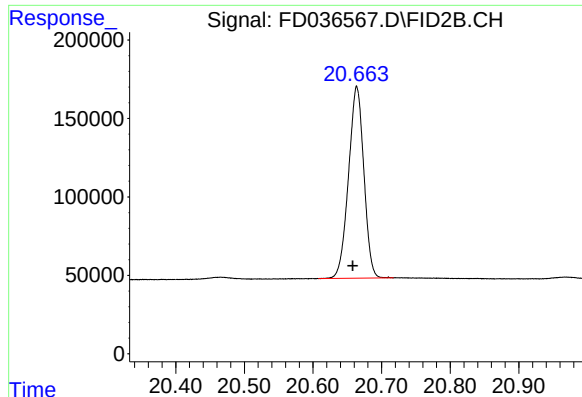
#19 n-Tetratriacontane (C34)

R.T.: 19.219 min
Delta R.T.: 0.003 min
Response: 2060181
Conc: 20.06 ug/ml



#20 n-Hexatriacontane (C36)

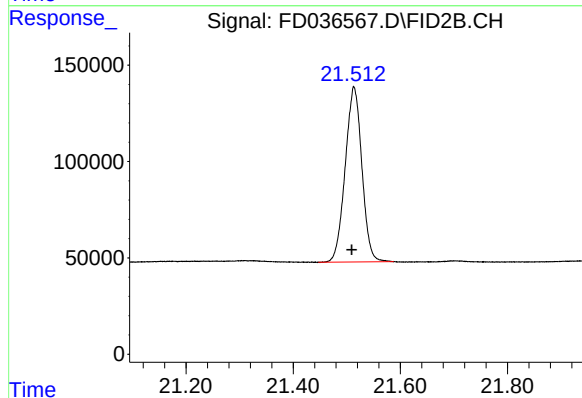
R.T.: 19.952 min
Delta R.T.: 0.002 min
Response: 1956950
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.664 min
Delta R.T.: 0.006 min
Response: 1894132
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.513 min
Delta R.T.: 0.004 min
Response: 1962265
Conc: 19.45 ug/ml