

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AL\
 Data File : FD038065.D
 Signal(s) : FID2B.CH
 Acq On : 06 Jul 2021 22:48
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 07 10:15:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:09:32 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)	11.420	2895061	20.028 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	12.855	2275983	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T n-Nonane (C9)	3.237	2432413	20.017 ug/ml
2) T n-Decane (C10)	4.293	2456502	20.084 ug/ml
3) T A~Naphthalene (C11.7)	5.861	2718360	19.885 ug/ml
4) T n-Dodecane (C12)	6.298	2491363	20.003 ug/ml
5) T A~2-methylnaphthalene...	6.911	2722645	19.767 ug/ml
6) T n-Tetradecane (C14)	8.084	2554844	19.877 ug/ml
7) T n-Hexadecane (C16)	9.677	2585943	19.955 ug/ml
8) T n-Octadecane (C18)	11.111	2677555	19.882 ug/ml
10) T n-Eicosane (C20)	12.414	2682998	19.975 ug/ml
11) T n-Heneicosane (C21)	13.022	2703038	19.896 ug/ml
13) T n-Docosane (C22)	13.605	2686344	19.965 ug/ml
14) T n-Tetracosane (C24)	14.703	2692389	19.939 ug/ml
15) T n-Hexacosane (C26)	15.718	2637435	20.018 ug/ml
16) T n-Octacosane (C28)	16.663	2607516	19.998 ug/ml
17) T n-Tricontane (C30)	17.546	2545434	19.918 ug/ml
18) T n-Dotriacontane (C32)	18.374	2433210	19.775 ug/ml
19) T n-Tetratriacontane (C34)	19.153	2351886	20.084 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2193152	20.082 ug/ml
21) T n-Octatriacontane (C38)	20.593	2024963	20.105 ug/ml
22) T n-Tetracontane (C40)	21.422	1964570	20.087 ug/ml

(f)=RT Delta > 1/2 Window

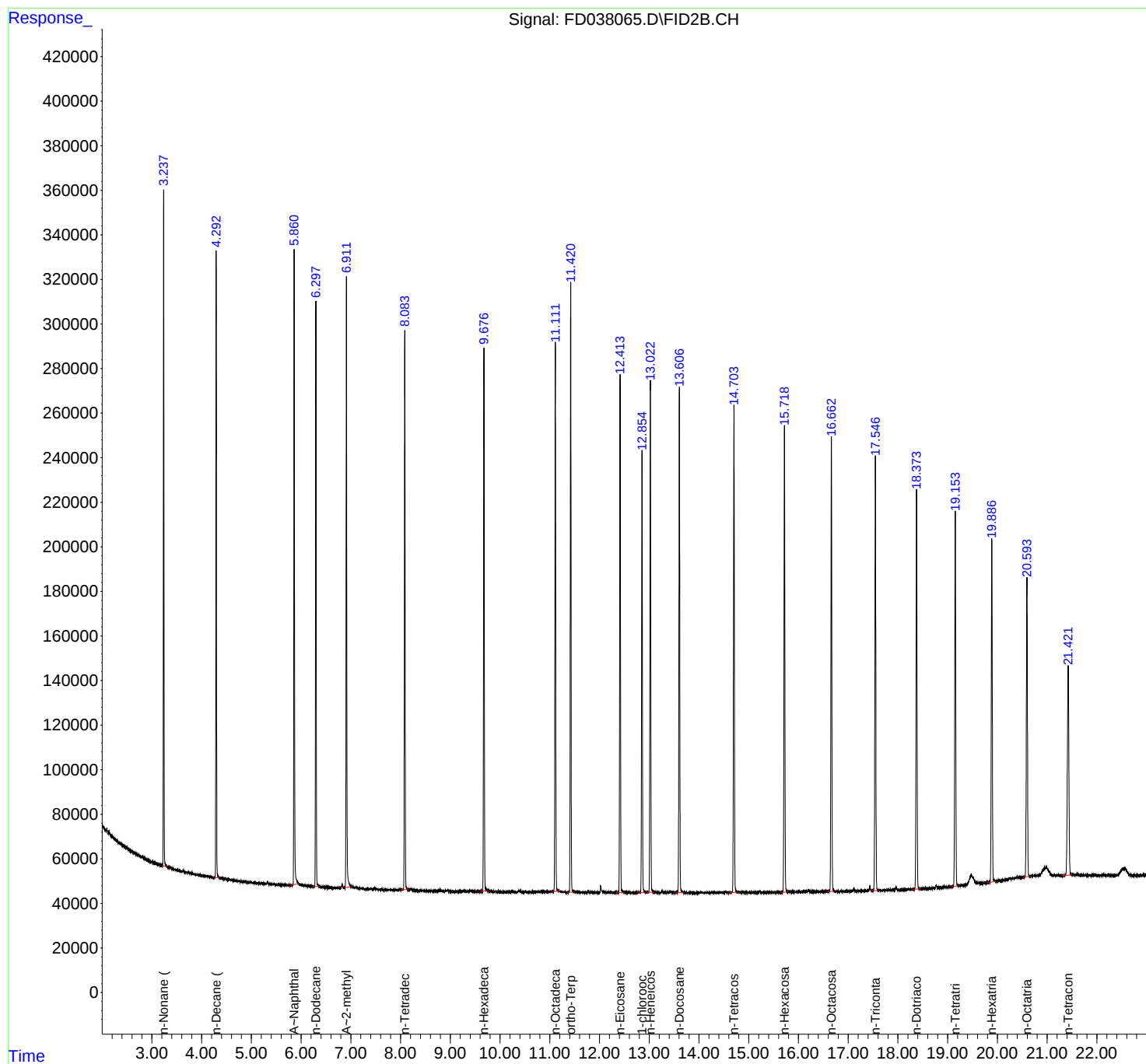
(m)=manual int.

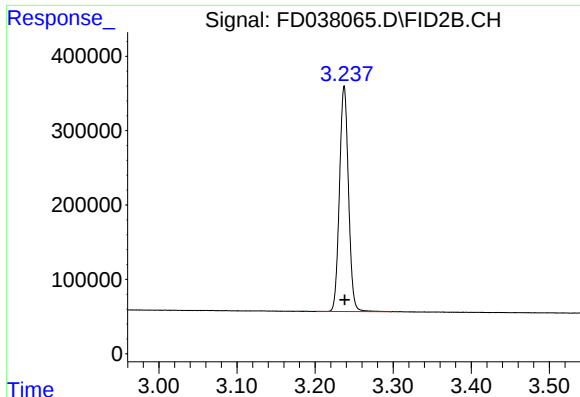
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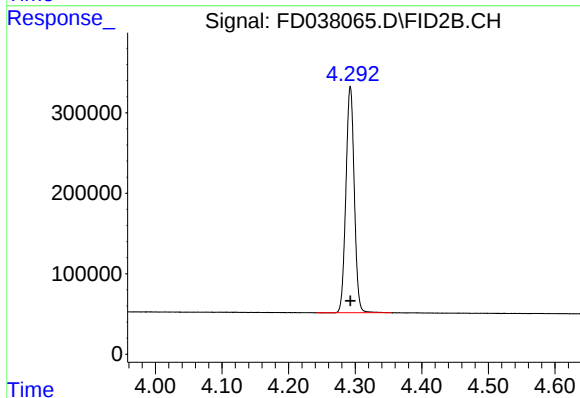




#1 n-Nonane (C9)

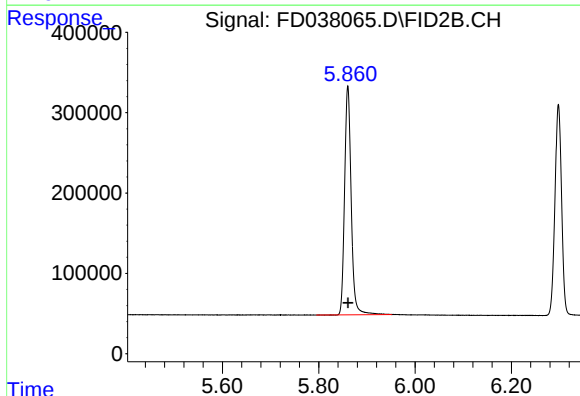
R.T.: 3.237 min
Delta R.T.: 0.000 min
Response: 2432413
Conc: 20.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



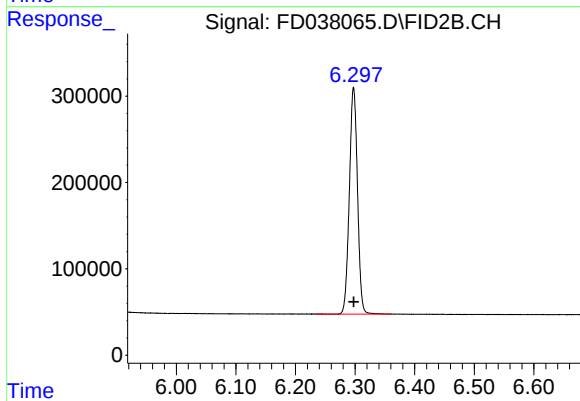
#2 n-Decane (C10)

R.T.: 4.293 min
Delta R.T.: 0.000 min
Response: 2456502
Conc: 20.08 ug/ml



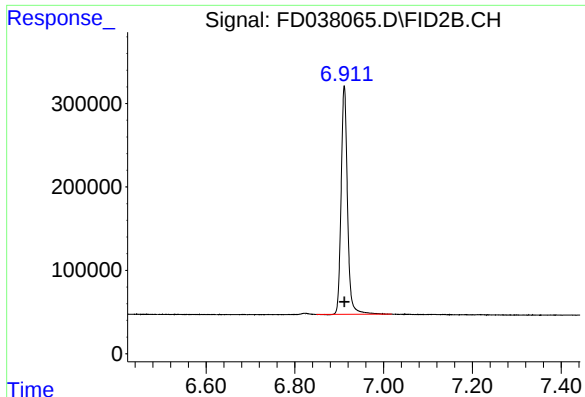
#3 A~Naphthalene (C11.7)

R.T.: 5.861 min
Delta R.T.: 0.000 min
Response: 2718360
Conc: 19.89 ug/ml



#4 n-Dodecane (C12)

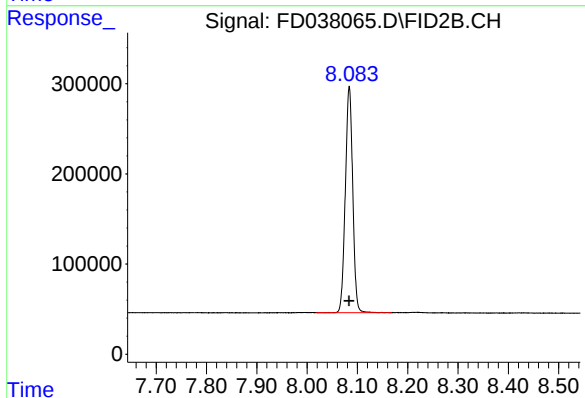
R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 2491363
Conc: 20.00 ug/ml



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

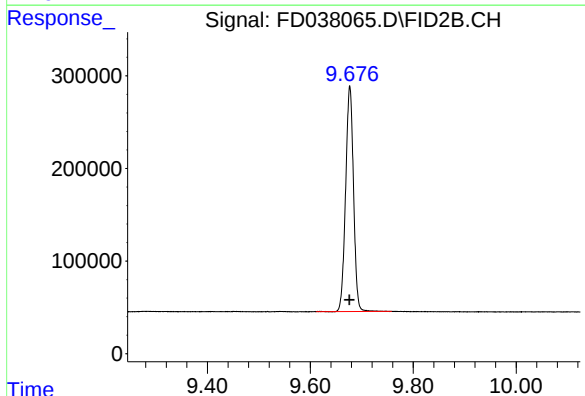
R.T.: 6.911 min
Delta R.T.: 0.000 min
Response: 2722645
Conc: 19.77 ug/ml

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20 PPM ALIPHATIC HC STD



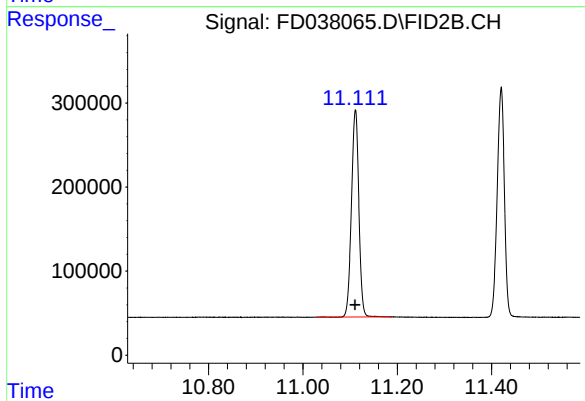
#6 n-Tetradecane (C14)

R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 2554844
Conc: 19.88 ug/ml



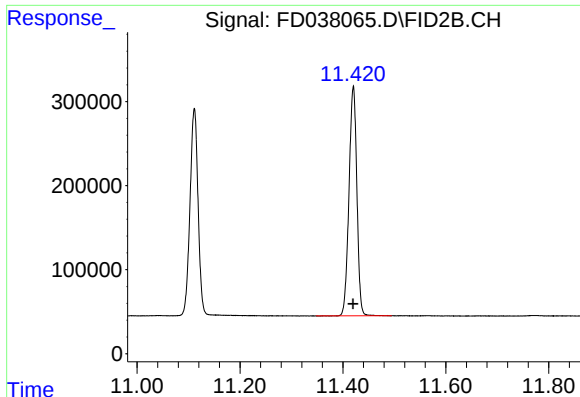
#7 n-Hexadecane (C16)

R.T.: 9.677 min
Delta R.T.: 0.000 min
Response: 2585943
Conc: 19.96 ug/ml



#8 n-Octadecane (C18)

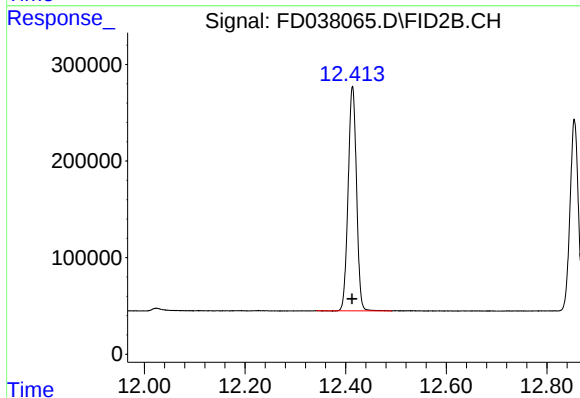
R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 2677555
Conc: 19.88 ug/ml



#9 ortho-Terphenyl (SURR)

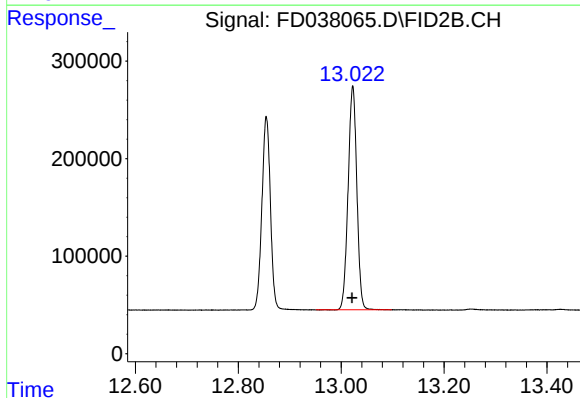
R.T.: 11.420 min
Delta R.T.: 0.000 min
Response: 2895061
Conc: 20.03 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



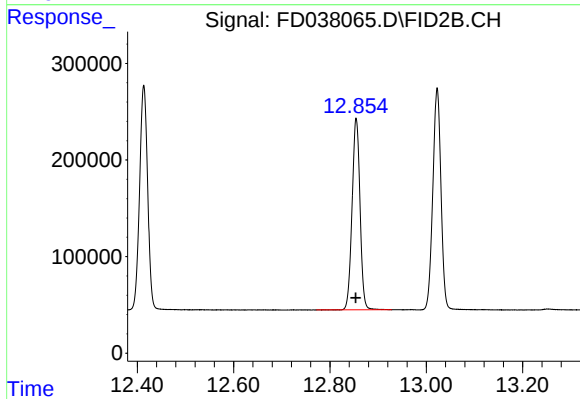
#10 n-Eicosane (C20)

R.T.: 12.414 min
Delta R.T.: 0.001 min
Response: 2682998
Conc: 19.98 ug/ml



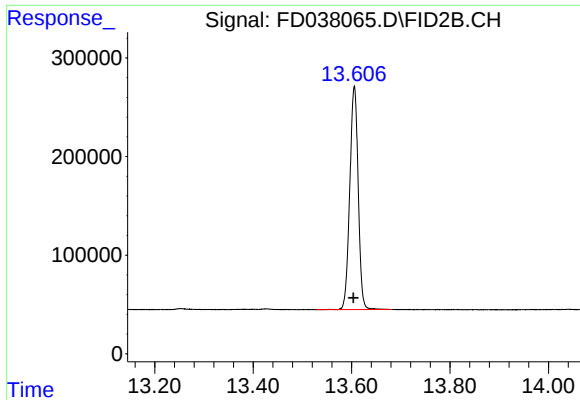
#11 n-Heneicosane (C21)

R.T.: 13.022 min
Delta R.T.: 0.001 min
Response: 2703038
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

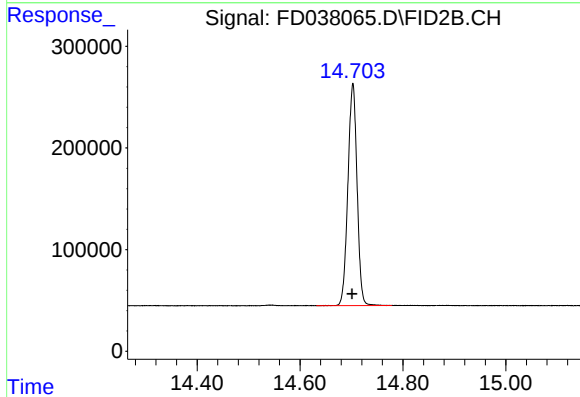
R.T.: 12.855 min
Delta R.T.: 0.001 min
Response: 2275983
Conc: 19.96 ug/ml



#13 n-Docosane (C22)

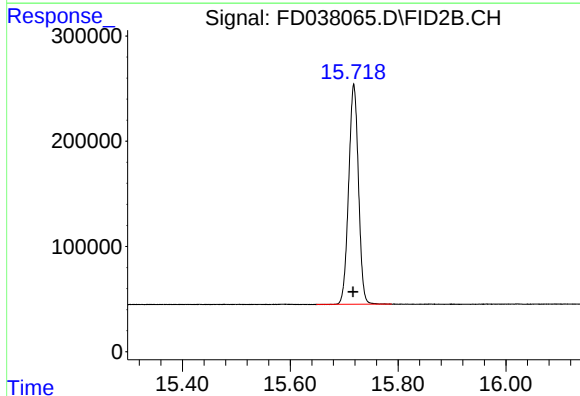
R.T.: 13.605 min
Delta R.T.: 0.002 min
Response: 2686344
Conc: 19.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



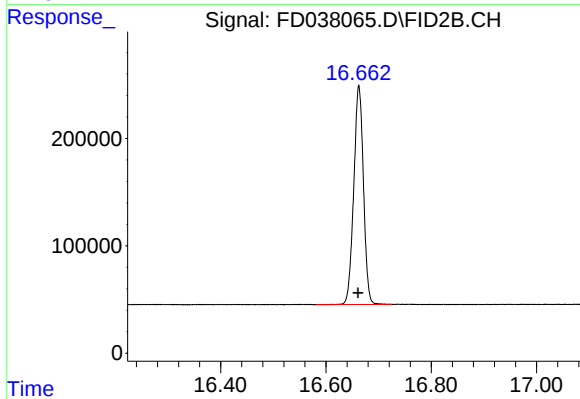
#14 n-Tetracosane (C24)

R.T.: 14.703 min
Delta R.T.: 0.002 min
Response: 2692389
Conc: 19.94 ug/ml



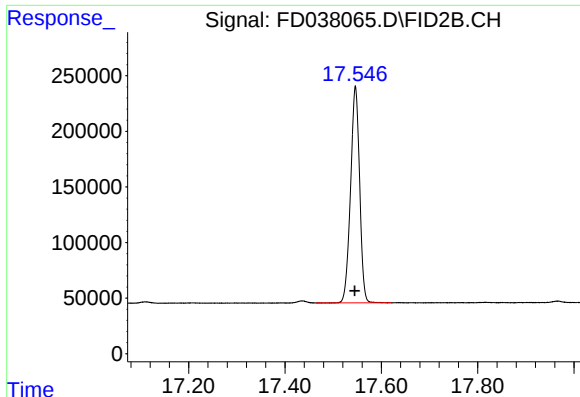
#15 n-Hexacosane (C26)

R.T.: 15.718 min
Delta R.T.: 0.002 min
Response: 2637435
Conc: 20.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.663 min
Delta R.T.: 0.001 min
Response: 2607516
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

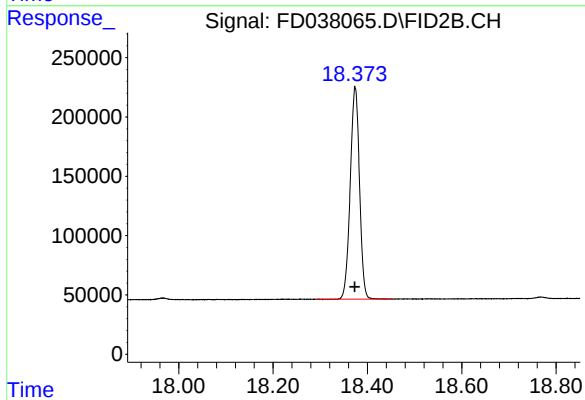
R.T.: 17.546 min

Delta R.T.: 0.001 min

Response: 2545434

Conc: 19.92 ug/ml

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FID_D
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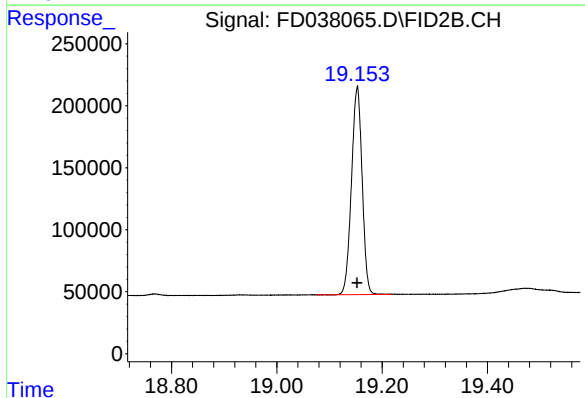
#18 n-Dotriacontane (C32)

R.T.: 18.374 min

Delta R.T.: 0.000 min

Response: 2433210

Conc: 19.77 ug/ml



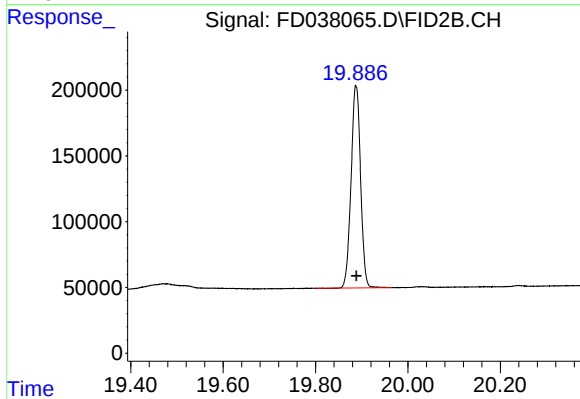
#19 n-Tetratriacontane (C34)

R.T.: 19.153 min

Delta R.T.: 0.000 min

Response: 2351886

Conc: 20.08 ug/ml



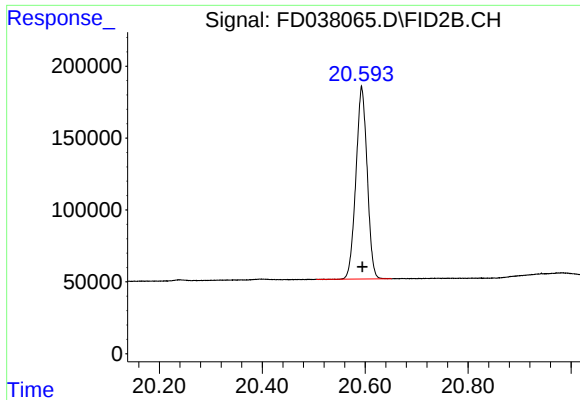
#20 n-Hexatriacontane (C36)

R.T.: 19.888 min

Delta R.T.: 0.000 min

Response: 2193152

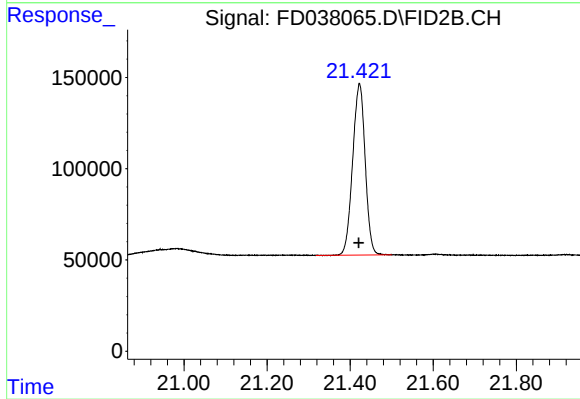
Conc: 20.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.001 min
Response: 2024963
Conc: 20.11 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.422 min
Delta R.T.: 0.002 min
Response: 1964570
Conc: 20.09 ug/ml