

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092921AL\
 Data File : FD038961.D
 Signal(s) : FID2B.CH
 Acq On : 29 Sep 2021 21:17
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 30 02:16:33 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 02:13:43 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)	11.680	2799440	19.724 ug/ml
Spiked Amount 50.000		Recovery =	39.45%
12) S 1-chlorooctadecane (S...	13.106	2214766	19.696 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.438	2481097	19.670 ug/ml
2) T n-Decane (C10)	4.508	2522058	19.761 ug/ml
3) T A~Naphthalene (C11.7)	6.102	2810330	19.735 ug/ml
4) T n-Dodecane (C12)	6.526	2529273	19.749 ug/ml
5) T A~2-methylnaphthalene...	7.157	2828988	19.761 ug/ml
6) T n-Tetradecane (C14)	8.318	2559727	19.726 ug/ml
7) T n-Hexadecane (C16)	9.916	2575242	19.745 ug/ml
8) T n-Octadecane (C18)	11.354	2638633	19.729 ug/ml
10) T n-Eicosane (C20)	12.661	2617543	19.737 ug/ml
11) T n-Heneicosane (C21)	13.271	2639156	19.709 ug/ml
13) T n-Docosane (C22)	13.855	2614435	19.710 ug/ml
14) T n-Tetracosane (C24)	14.954	2613551	19.725 ug/ml
15) T n-Hexacosane (C26)	15.970	2542126	19.750 ug/ml
16) T n-Octacosane (C28)	16.916	2496630	19.800 ug/ml
17) T n-Tricontane (C30)	17.800	2413616	19.789 ug/ml
18) T n-Dotriacontane (C32)	18.629	2281308	19.677 ug/ml
19) T n-Tetratriacontane (C34)	19.410	2127665	19.710 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1899153	19.409 ug/ml
21) T n-Octatriacontane (C38)	20.887	1726607	19.233 ug/ml
22) T n-Tetracontane (C40)	21.815	1662816	18.876 ug/ml

(f)=RT Delta > 1/2 Window

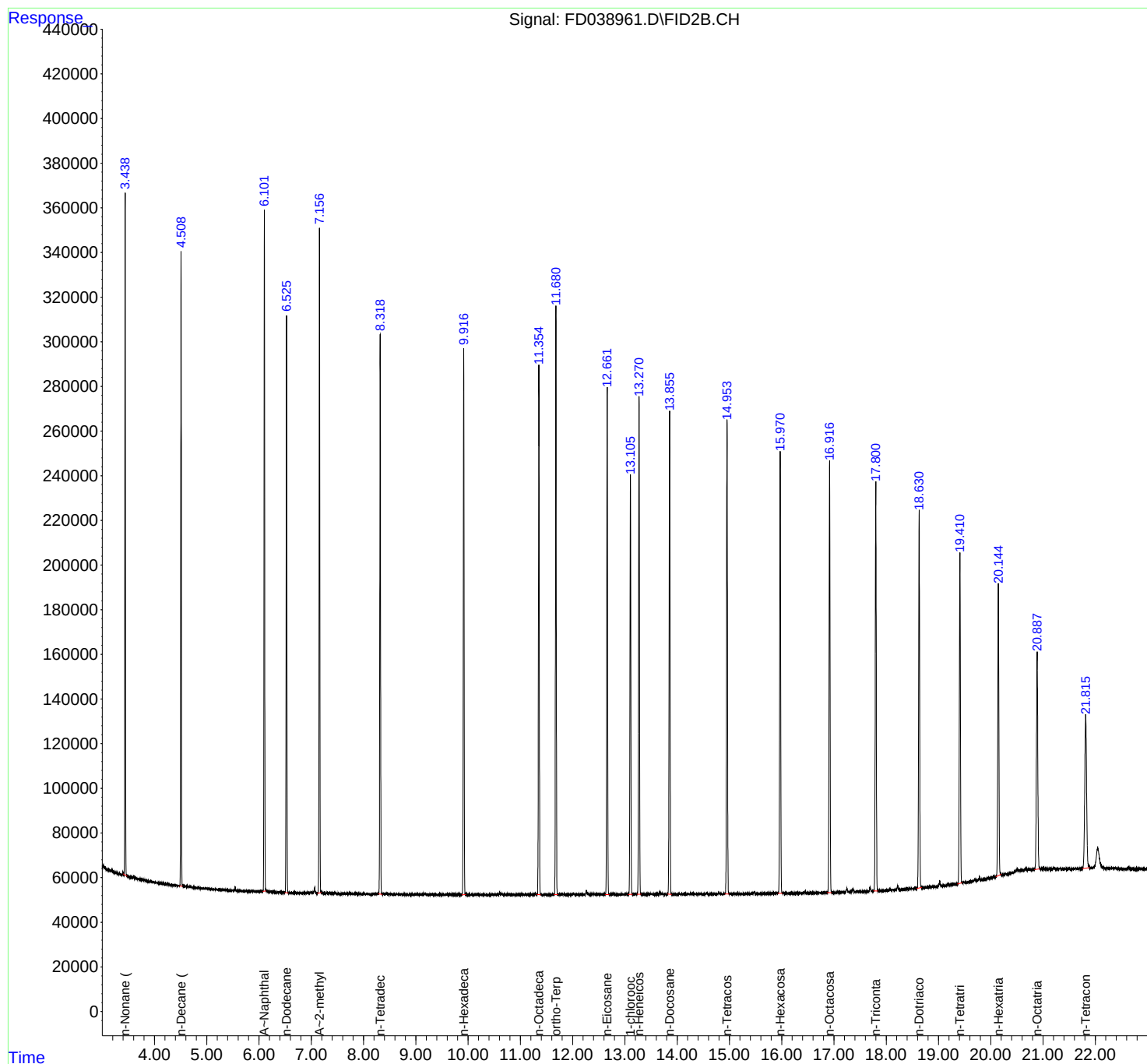
(m)=manual int.

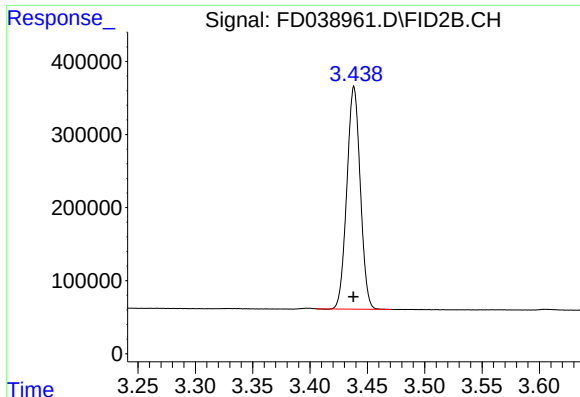
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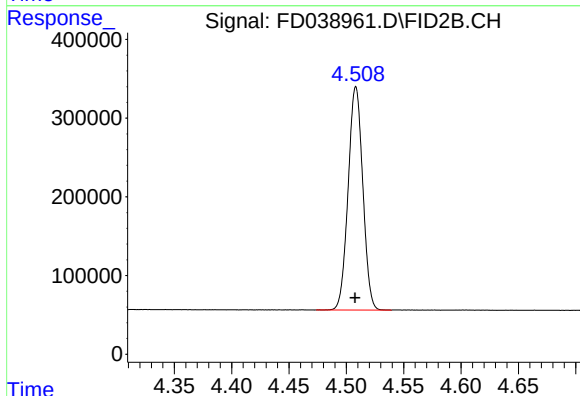




#1 n-Nonane (C9)

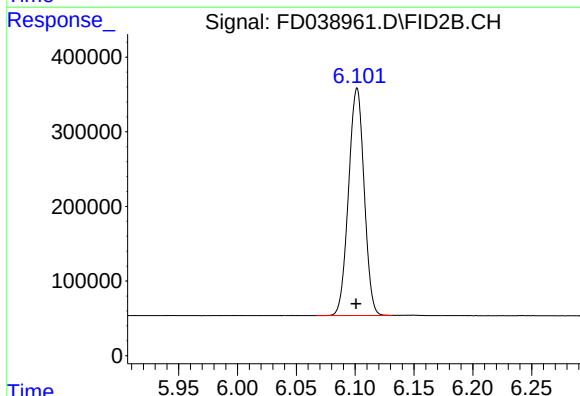
R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 2481097
Conc: 19.67 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



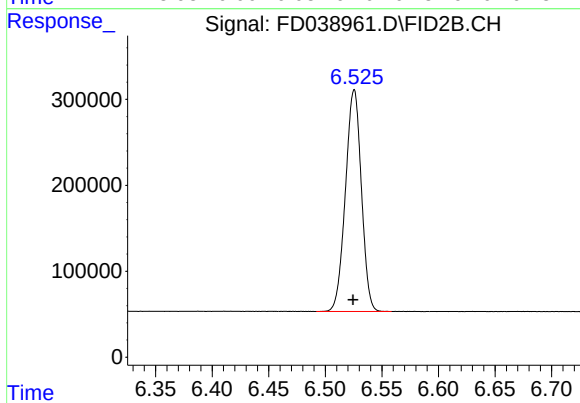
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 2522058
Conc: 19.76 ug/ml



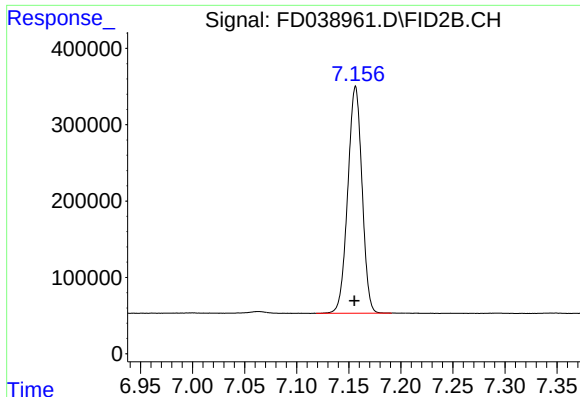
#3 A~Naphthalene (C11.7)

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 2810330
Conc: 19.74 ug/ml



#4 n-Dodecane (C12)

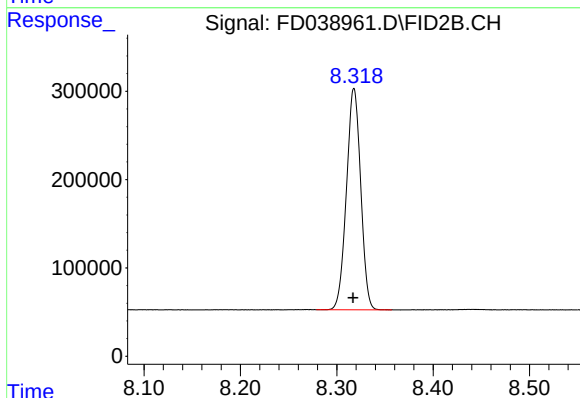
R.T.: 6.526 min
Delta R.T.: 0.001 min
Response: 2529273
Conc: 19.75 ug/ml



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

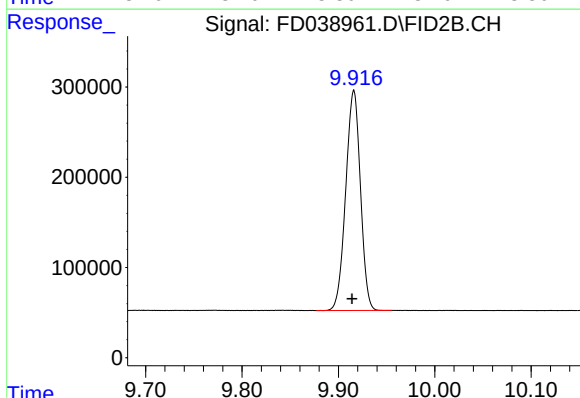
R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 2828988
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



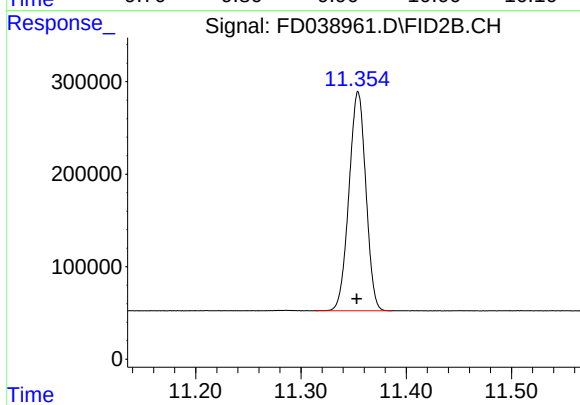
#6 n-Tetradecane (C14)

R.T.: 8.318 min
Delta R.T.: 0.001 min
Response: 2559727
Conc: 19.73 ug/ml



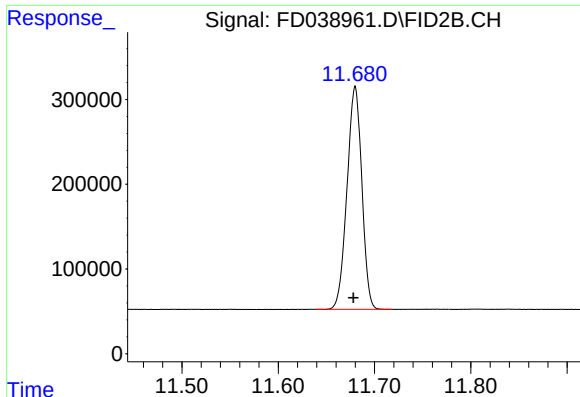
#7 n-Hexadecane (C16)

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 2575242
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

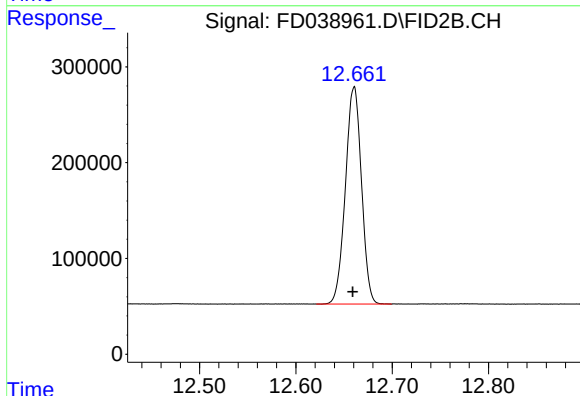
R.T.: 11.354 min
Delta R.T.: 0.001 min
Response: 2638633
Conc: 19.73 ug/ml



#9 ortho-Terphenyl (SURR)

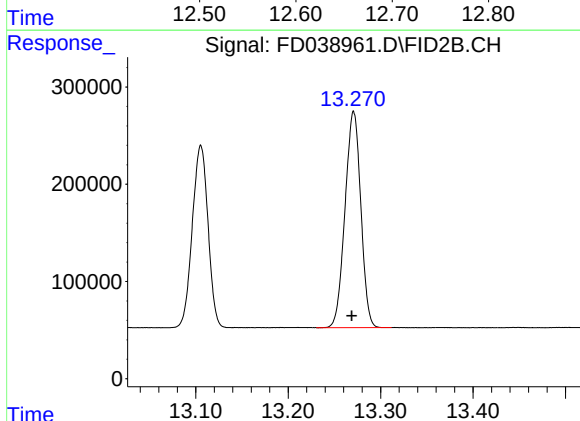
R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 2799440
Conc: 19.72 ug/ml

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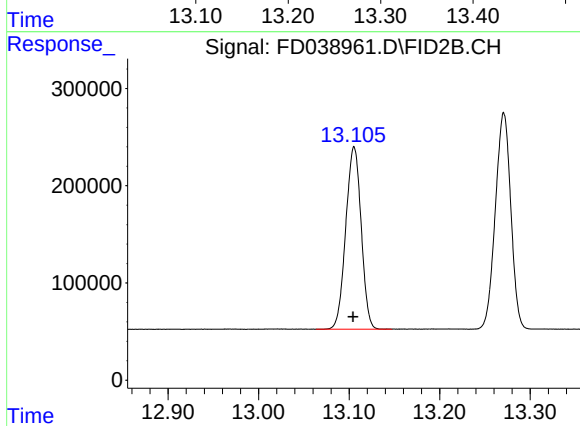
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2617543
Conc: 19.74 ug/ml



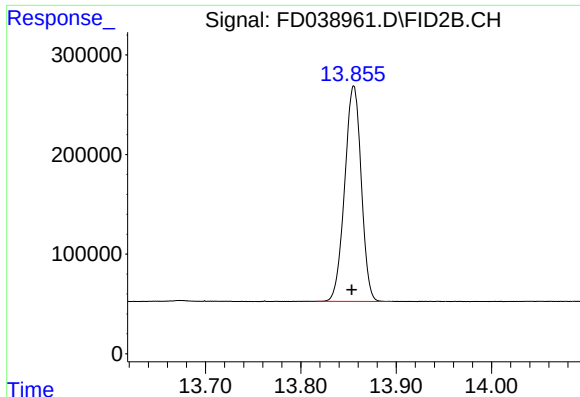
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2639156
Conc: 19.71 ug/ml



#12 1-chlorooctadecane (SURR)

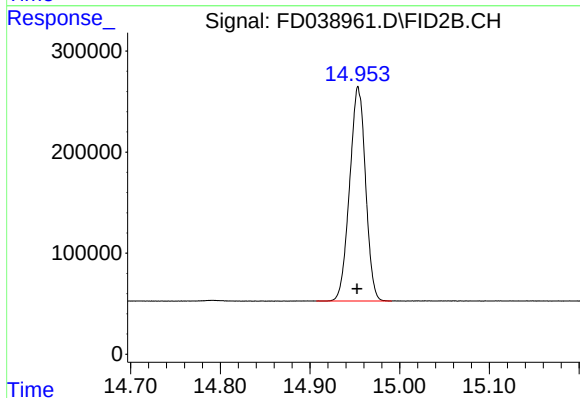
R.T.: 13.106 min
Delta R.T.: 0.001 min
Response: 2214766
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

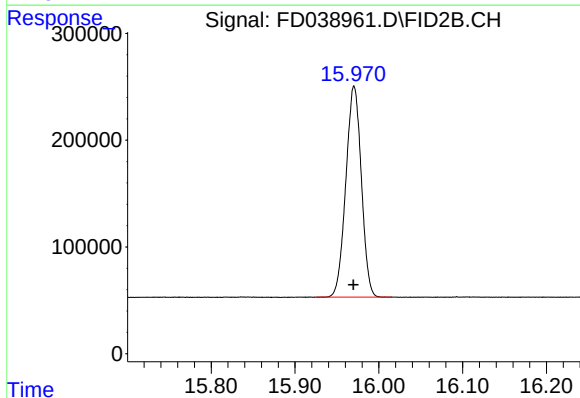
R.T.: 13.855 min
Delta R.T.: 0.002 min
Response: 2614435
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



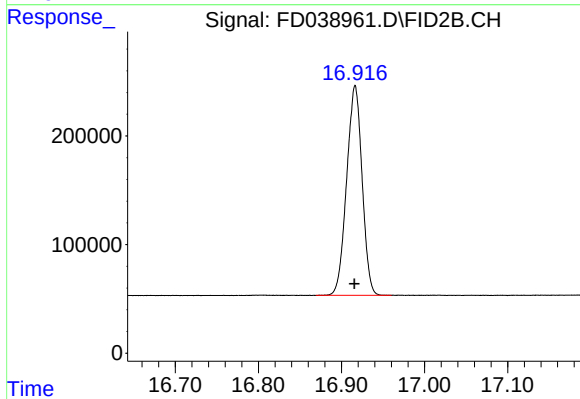
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2613551
Conc: 19.72 ug/ml



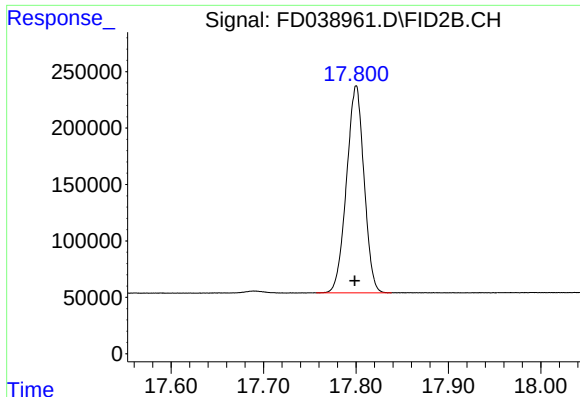
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 2542126
Conc: 19.75 ug/ml



#16 n-Octacosane (C28)

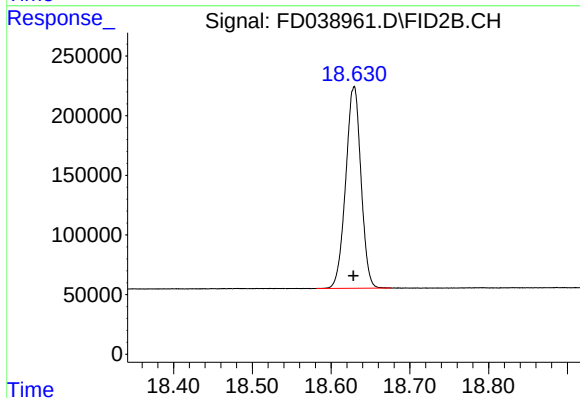
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2496630
Conc: 19.80 ug/ml



#17 n-Tricontane (C30)

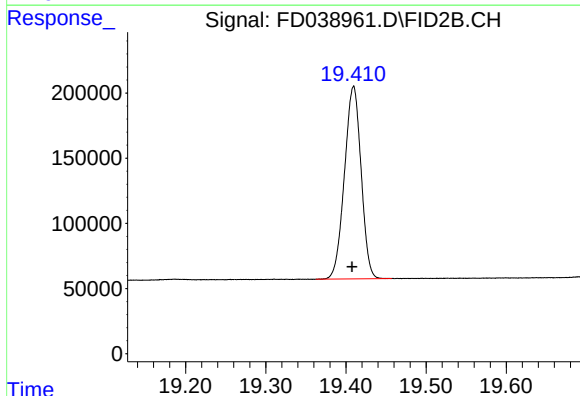
R.T.: 17.800 min
Delta R.T.: 0.002 min
Response: 2413616
Conc: 19.79 ug/ml

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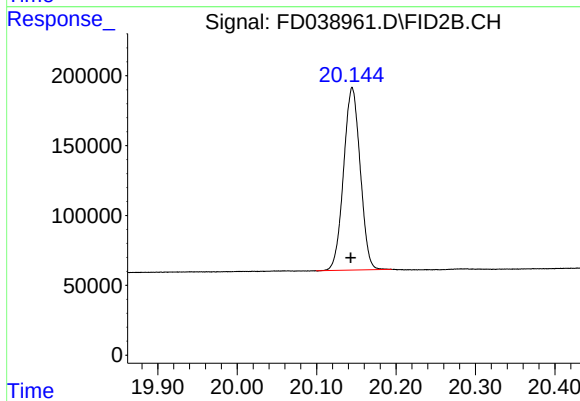
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: 0.000 min
Response: 2281308
Conc: 19.68 ug/ml



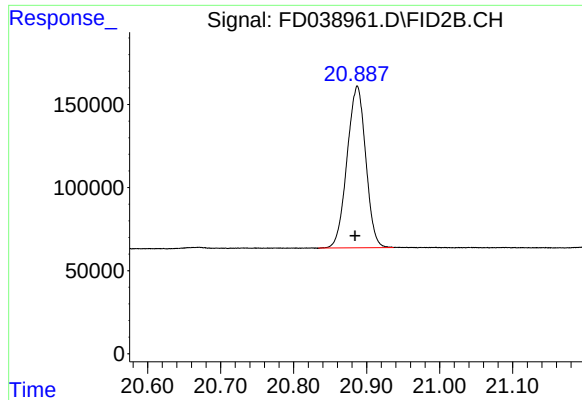
#19 n-Tetratriacontane (C34)

R.T.: 19.410 min
Delta R.T.: 0.002 min
Response: 2127665
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

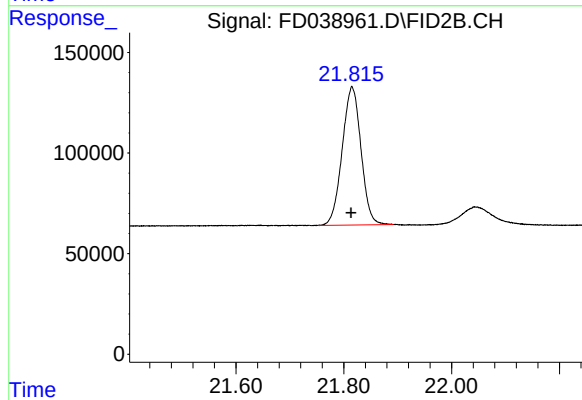
R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 1899153
Conc: 19.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.887 min
Delta R.T.: 0.003 min
Response: 1726607
Conc: 19.23 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.815 min
Delta R.T.: 0.001 min
Response: 1662816
Conc: 18.88 ug/ml