

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090221AL\
 Data File : FD038740.D
 Signal(s) : FID2B.CH
 Acq On : 02 Sep 2021 13:46
 Operator : AJ\MA
 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: Sep 03 01:28:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 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)	11.679	2944324	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
12) S 1-chlorooctadecane (S...	13.105	2329340	20.026 ug/ml
Spiked Amount 50.000		Recovery =	40.05%
Target Compounds			
1) T n-Nonane (C9)	3.439	2565402	20.143 ug/ml
2) T n-Decane (C10)	4.509	2611589	20.163 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2936834	20.167 ug/ml
4) T n-Dodecane (C12)	6.525	2632449	20.040 ug/ml
5) T A~2-methylnaphthalene...	7.154	2972145	20.095 ug/ml
6) T n-Tetradecane (C14)	8.318	2687613	19.940 ug/ml
7) T n-Hexadecane (C16)	9.917	2721804	19.907 ug/ml
8) T n-Octadecane (C18)	11.355	2780598	19.897 ug/ml
10) T n-Eicosane (C20)	12.661	2755024	19.981 ug/ml
11) T n-Heneicosane (C21)	13.271	2776045	19.974 ug/ml
13) T n-Docosane (C22)	13.855	2735022	20.076 ug/ml
14) T n-Tetracosane (C24)	14.955	2693402	20.160 ug/ml
15) T n-Hexacosane (C26)	15.973	2569472	20.262 ug/ml
16) T n-Octacosane (C28)	16.919	2461497	20.356 ug/ml
17) T n-Tricontane (C30)	17.803	2355701	20.536 ug/ml
18) T n-Dotriacontane (C32)	18.633	2224466	20.568 ug/ml
19) T n-Tetratriacontane (C34)	19.412	2123100	20.393 ug/ml
20) T n-Hexatriacontane (C36)	20.147	1974635	20.139 ug/ml
21) T n-Octatriacontane (C38)	20.891	1924374	20.409 ug/ml
22) T n-Tetracontane (C40)	21.819	1933408	20.420 ug/ml

(f)=RT Delta > 1/2 Window

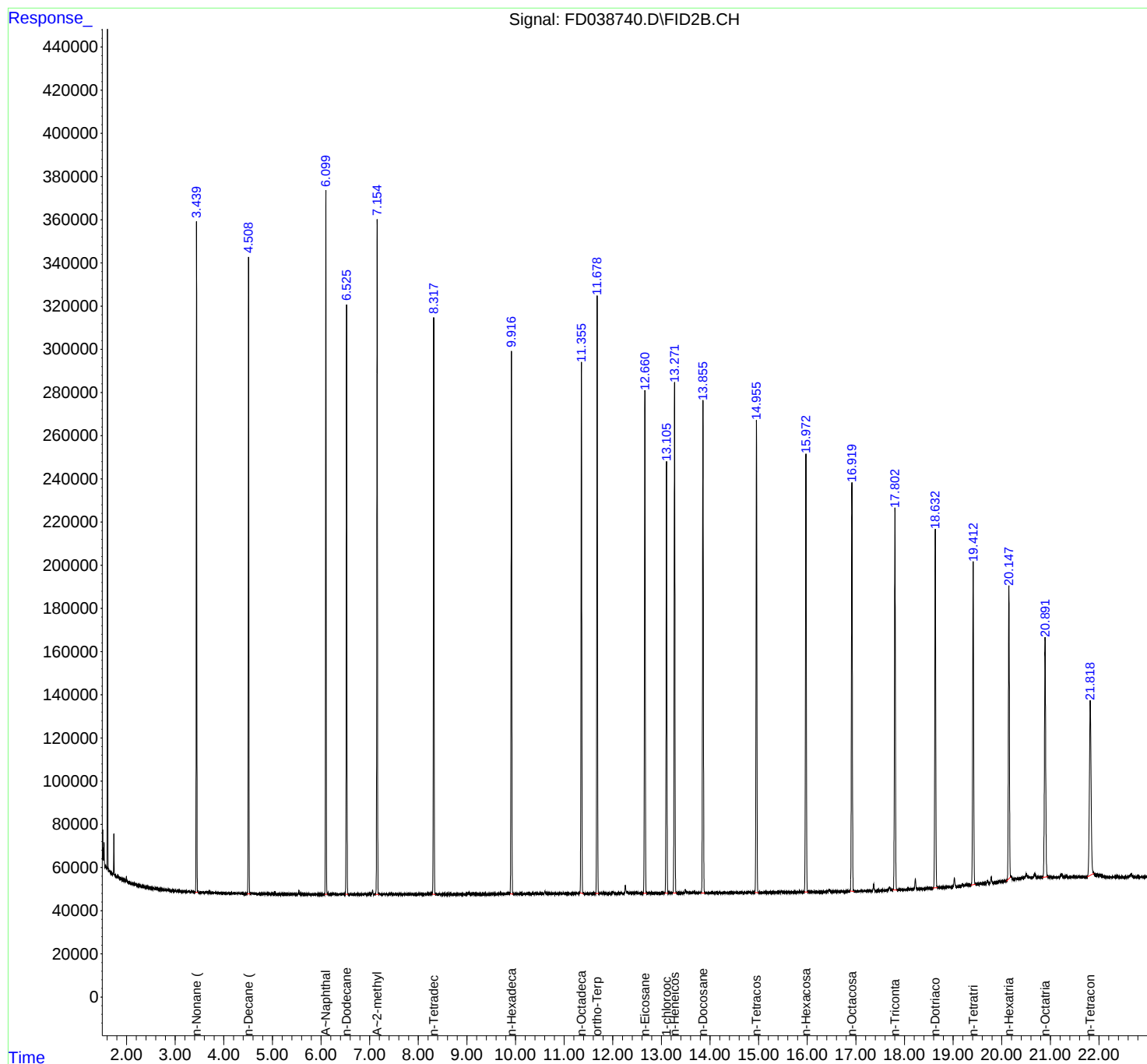
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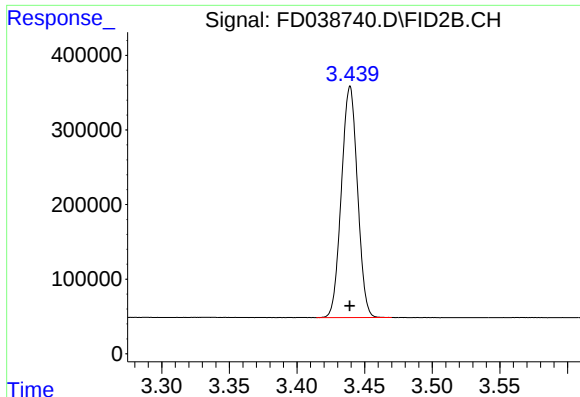
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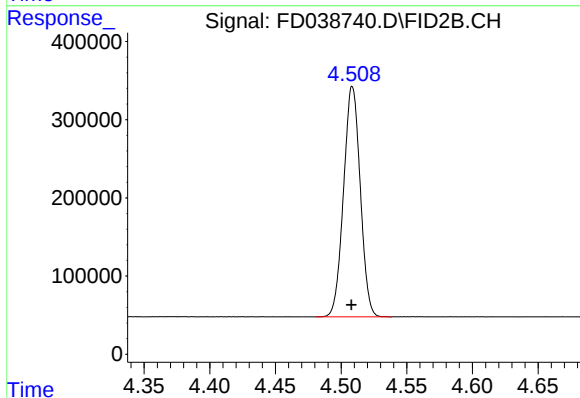




#1 n-Nonane (C9)

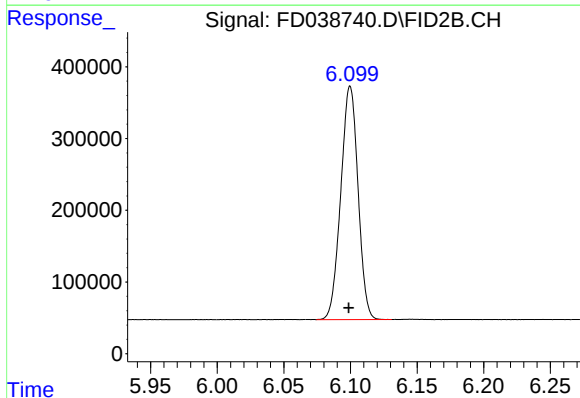
R.T.: 3.439 min
Delta R.T.: 0.000 min
Response: 2565402
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



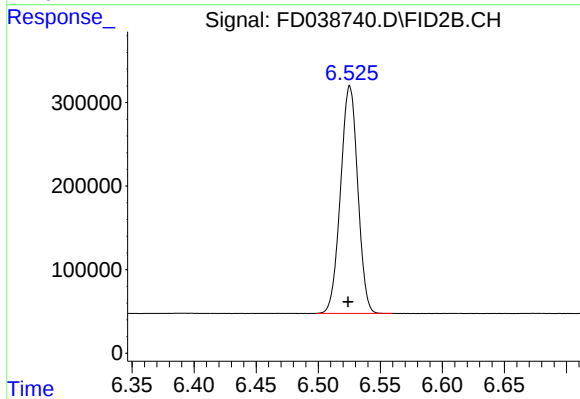
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.000 min
Response: 2611589
Conc: 20.16 ug/ml



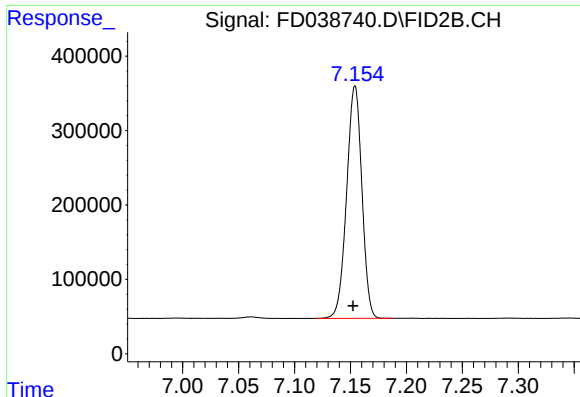
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 2936834
Conc: 20.17 ug/ml



#4 n-Dodecane (C12)

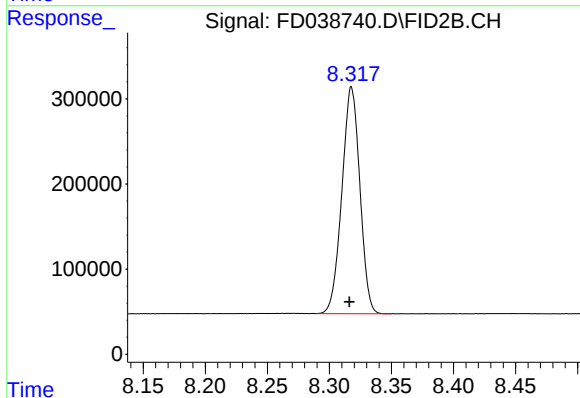
R.T.: 6.525 min
Delta R.T.: 0.001 min
Response: 2632449
Conc: 20.04 ug/ml



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

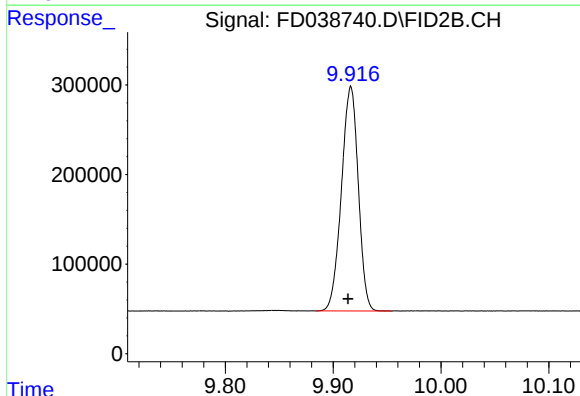
R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 2972145
Conc: 20.09 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



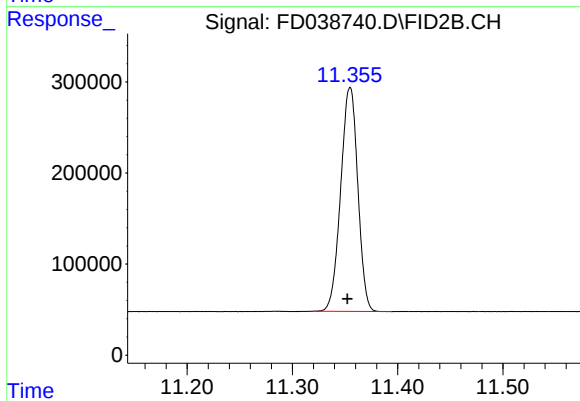
#6 n-Tetradecane (C14)

R.T.: 8.318 min
Delta R.T.: 0.002 min
Response: 2687613
Conc: 19.94 ug/ml



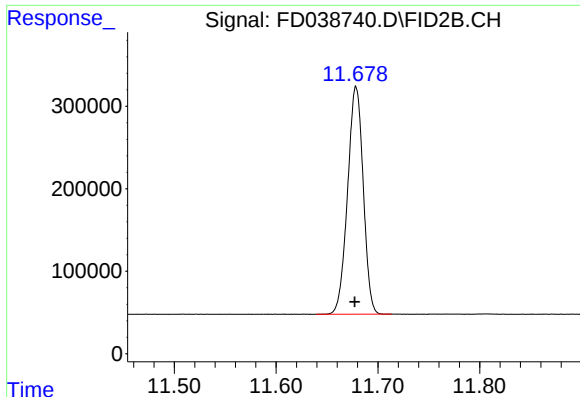
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.003 min
Response: 2721804
Conc: 19.91 ug/ml



#8 n-Octadecane (C18)

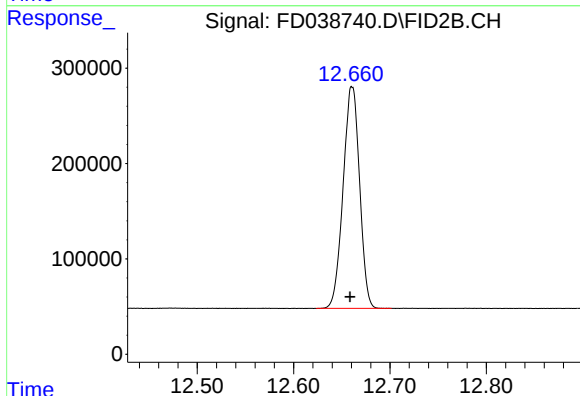
R.T.: 11.355 min
Delta R.T.: 0.003 min
Response: 2780598
Conc: 19.90 ug/ml



#9 ortho-Terphenyl (SURR)

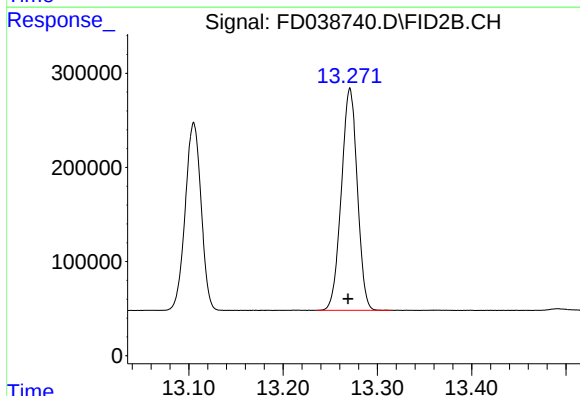
R.T.: 11.679 min
Delta R.T.: 0.001 min
Response: 2944324
Conc: 20.03 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



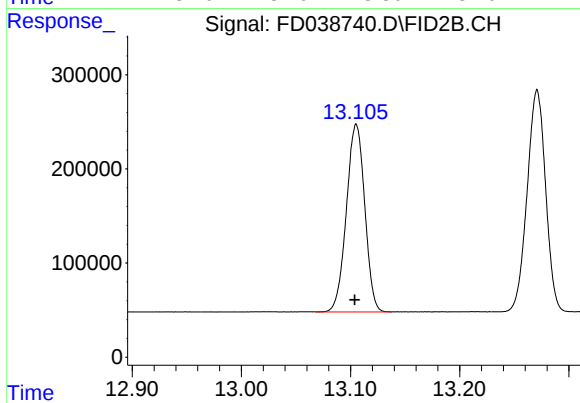
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.002 min
Response: 2755024
Conc: 19.98 ug/ml



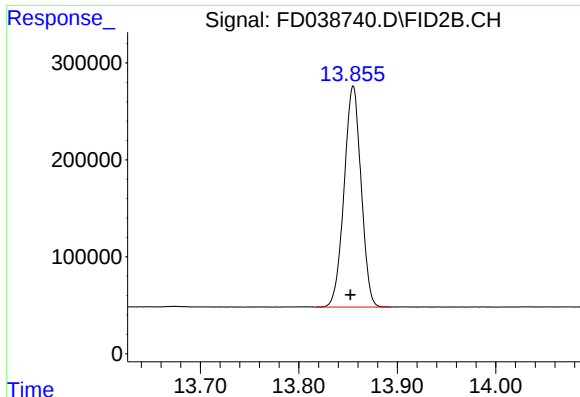
#11 n-Heneicosane (C21)

R.T.: 13.271 min
Delta R.T.: 0.002 min
Response: 2776045
Conc: 19.97 ug/ml



#12 1-chlorooctadecane (SURR)

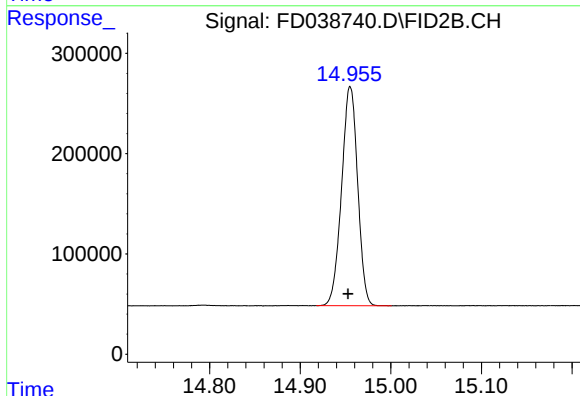
R.T.: 13.105 min
Delta R.T.: 0.001 min
Response: 2329340
Conc: 20.03 ug/ml



#13 n-Docosane (C22)

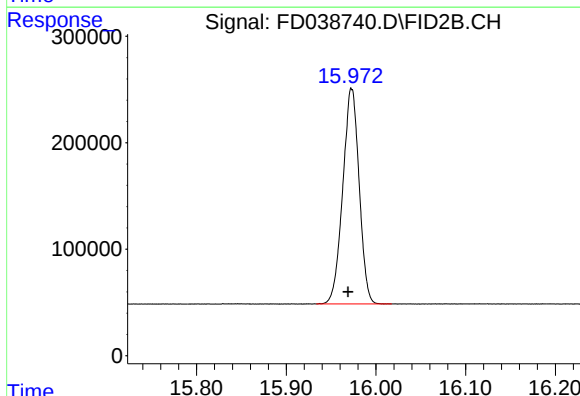
R.T.: 13.855 min
Delta R.T.: 0.003 min
Response: 2735022
Conc: 20.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



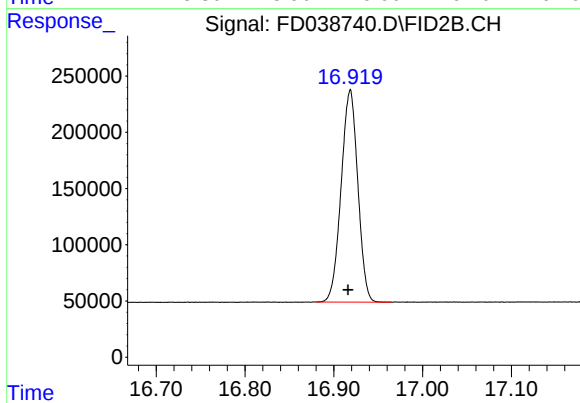
#14 n-Tetracosane (C24)

R.T.: 14.955 min
Delta R.T.: 0.003 min
Response: 2693402
Conc: 20.16 ug/ml



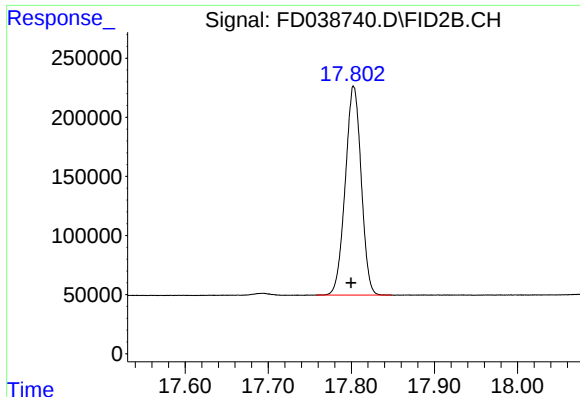
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: 0.004 min
Response: 2569472
Conc: 20.26 ug/ml



#16 n-Octacosane (C28)

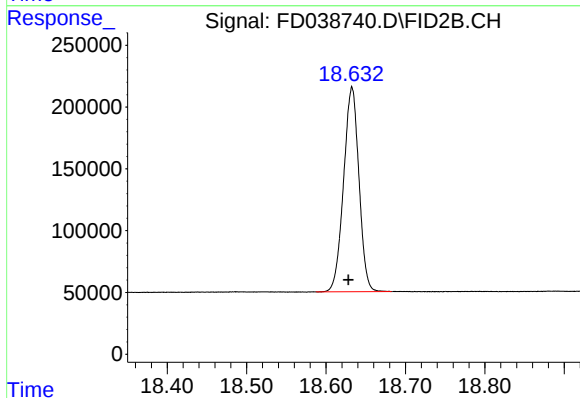
R.T.: 16.919 min
Delta R.T.: 0.002 min
Response: 2461497
Conc: 20.36 ug/ml



#17 n-Tricontane (C30)

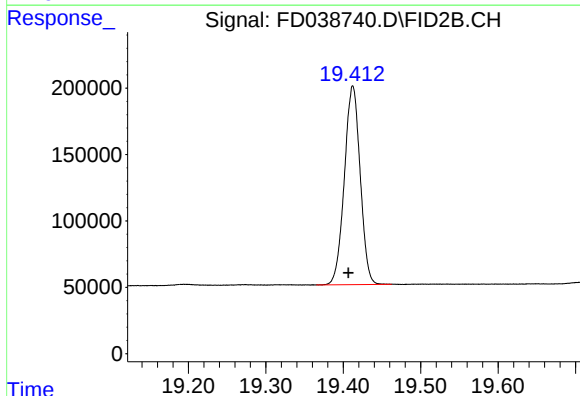
R.T.: 17.803 min
Delta R.T.: 0.003 min
Response: 2355701
Conc: 20.54 ug/ml

Instrument :
FID_D
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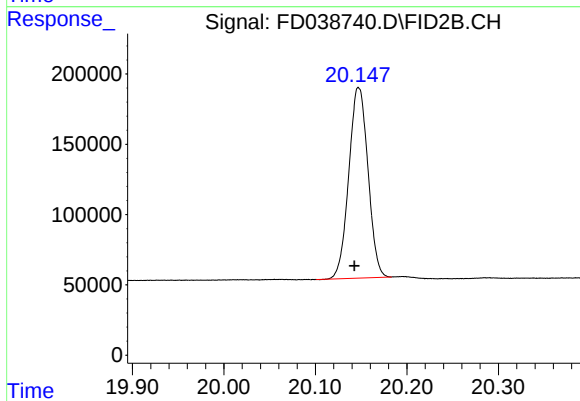
#18 n-Dotriacontane (C32)

R.T.: 18.633 min
Delta R.T.: 0.005 min
Response: 2224466
Conc: 20.57 ug/ml



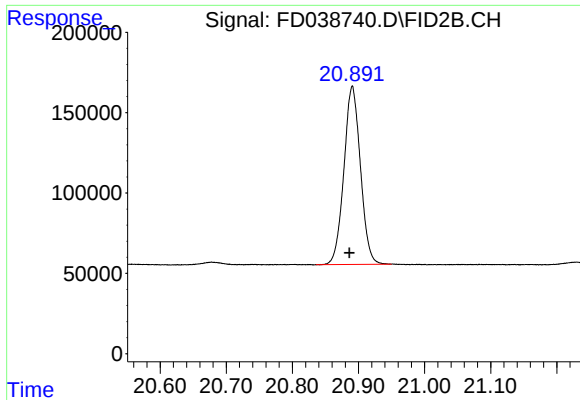
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: 0.006 min
Response: 2123100
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

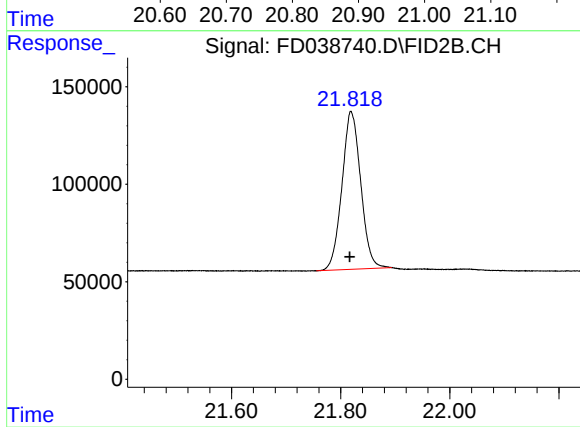
R.T.: 20.147 min
Delta R.T.: 0.004 min
Response: 1974635
Conc: 20.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.891 min
Delta R.T.: 0.004 min
Response: 1924374
Conc: 20.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.819 min
Delta R.T.: 0.002 min
Response: 1933408
Conc: 20.42 ug/ml