

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091521AL\
 Data File : FD038806.D
 Signal(s) : FID2B.CH
 Acq On : 15 Sep 2021 11:34
 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: sample.E
 Quant Time: Sep 16 01:40:29 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)	11.678	2853546	19.414 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.105	2256898	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.441	2605524	20.458 ug/ml
2) T n-Decane (C10)	4.509	2641352	20.393 ug/ml
3) T A~Naphthalene (C11.7)	6.100	2952551	20.275 ug/ml
4) T n-Dodecane (C12)	6.525	2665685	20.293 ug/ml
5) T A~2-methylnaphthalene...	7.154	2979403	20.144 ug/ml
6) T n-Tetradecane (C14)	8.317	2705250	20.071 ug/ml
7) T n-Hexadecane (C16)	9.915	2706585	19.795 ug/ml
8) T n-Octadecane (C18)	11.354	2751039	19.685 ug/ml
10) T n-Eicosane (C20)	12.660	2695838	19.552 ug/ml
11) T n-Heneicosane (C21)	13.270	2696998	19.405 ug/ml
13) T n-Docosane (C22)	13.854	2644477	19.411 ug/ml
14) T n-Tetracosane (C24)	14.953	2576866	19.288 ug/ml
15) T n-Hexacosane (C26)	15.970	2436807	19.216 ug/ml
16) T n-Octacosane (C28)	16.916	2324982	19.227 ug/ml
17) T n-Tricontane (C30)	17.800	2223798	19.386 ug/ml
18) T n-Dotriacontane (C32)	18.628	2122207	19.623 ug/ml
19) T n-Tetratriacontane (C34)	19.408	2067825	19.862 ug/ml
20) T n-Hexatriacontane (C36)	20.143	1991470	20.311 ug/ml
21) T n-Octatriacontane (C38)	20.884	1942172	20.598 ug/ml
22) T n-Tetracontane (C40)	21.811	1971165	20.819 ug/ml

(f)=RT Delta > 1/2 Window

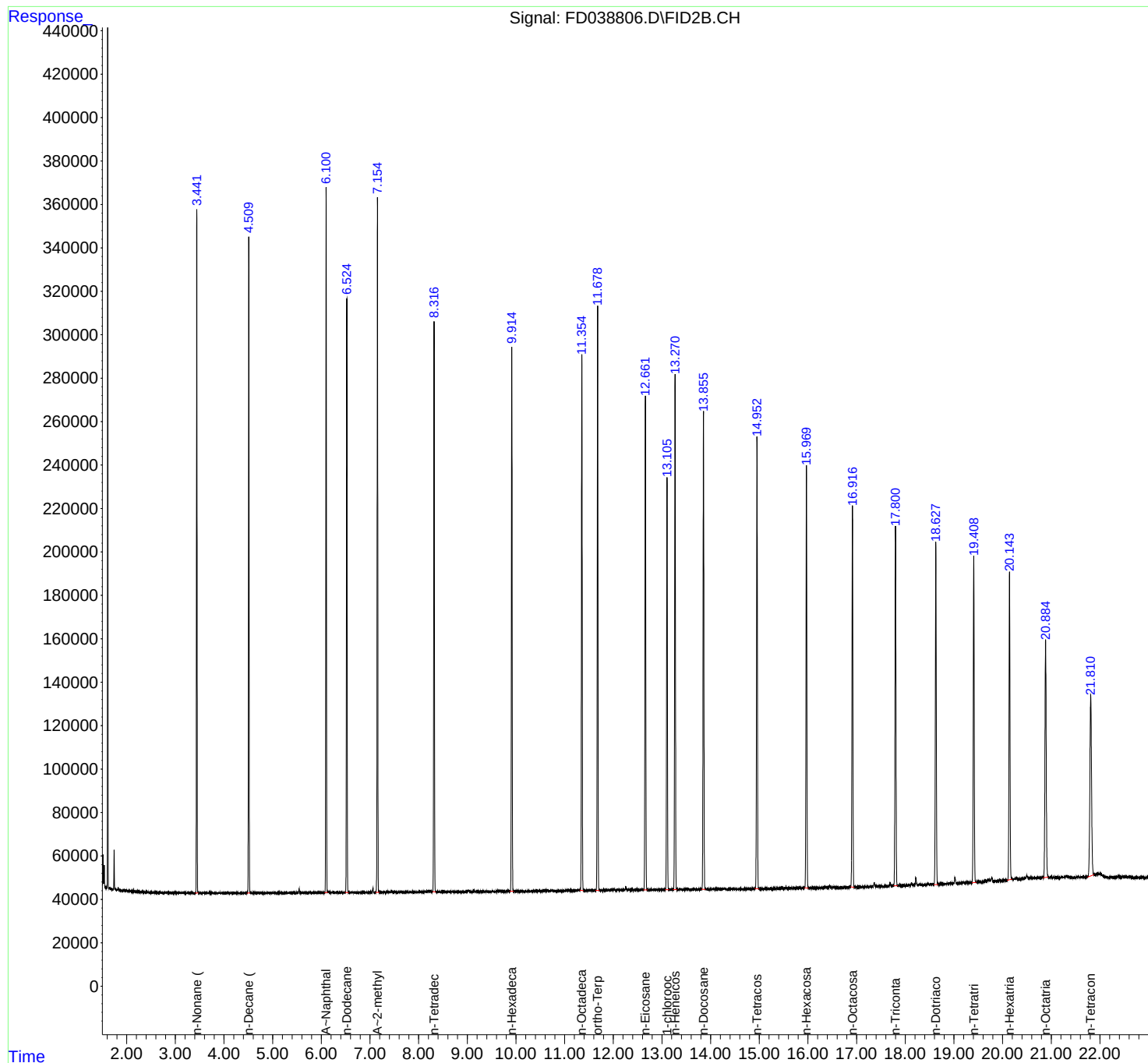
(m)=manual int.

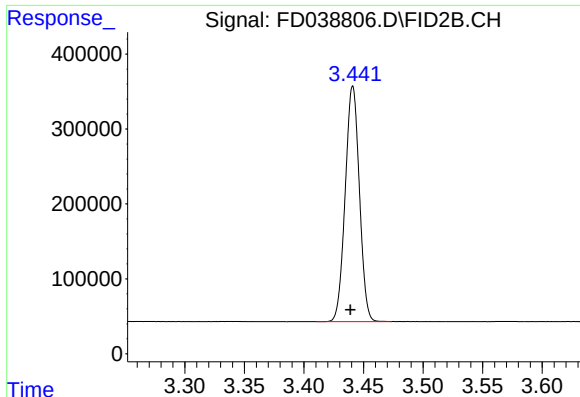
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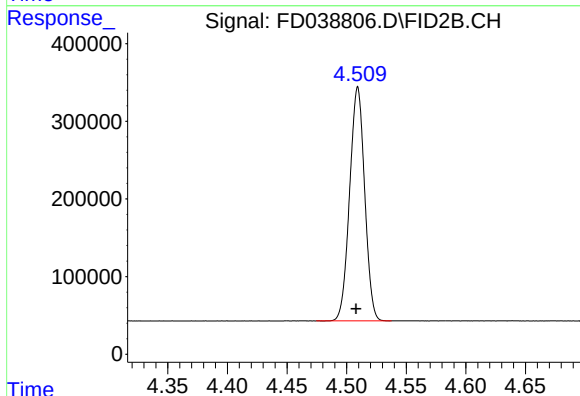




#1 n-Nonane (C9)

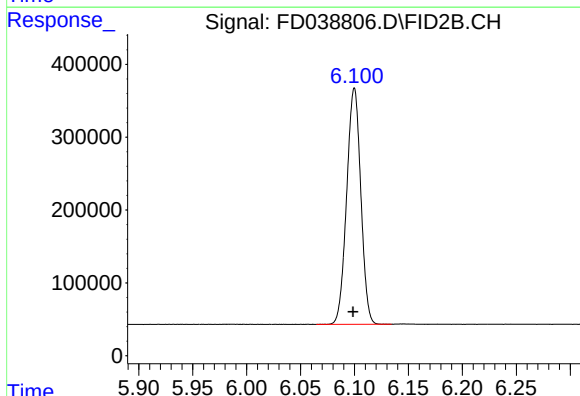
R.T.: 3.441 min
Delta R.T.: 0.002 min
Response: 2605524
Conc: 20.46 ug/ml

Instrument :
FID_D
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20 PPM ALIPHATIC HC STD



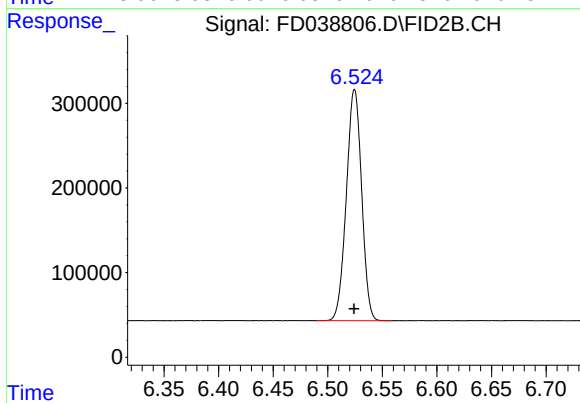
#2 n-Decane (C10)

R.T.: 4.509 min
Delta R.T.: 0.002 min
Response: 2641352
Conc: 20.39 ug/ml



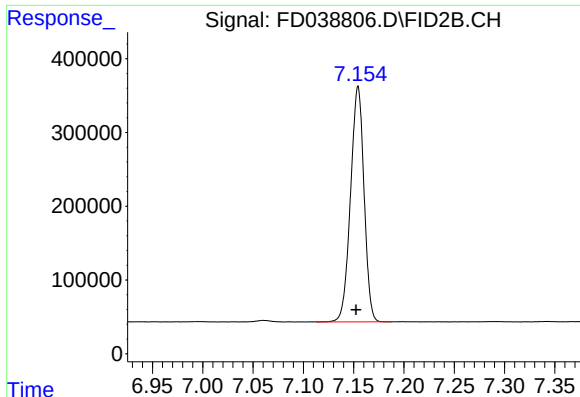
#3 A~Naphthalene (C11.7)

R.T.: 6.100 min
Delta R.T.: 0.001 min
Response: 2952551
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

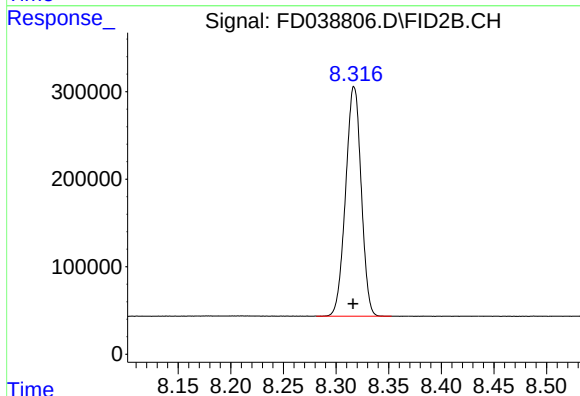
R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 2665685
Conc: 20.29 ug/ml



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

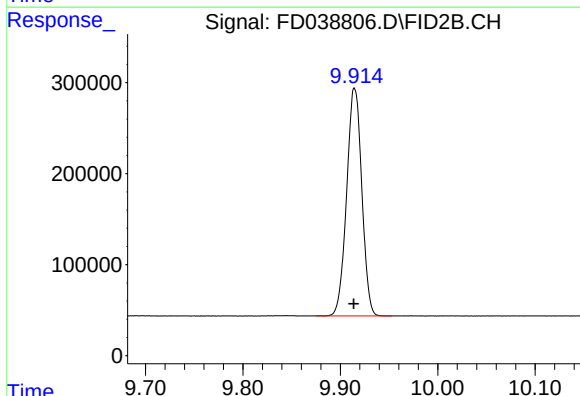
R.T.: 7.154 min
Delta R.T.: 0.002 min
Response: 2979403
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



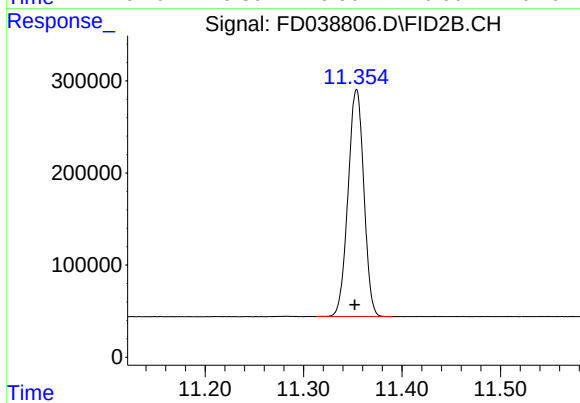
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.001 min
Response: 2705250
Conc: 20.07 ug/ml



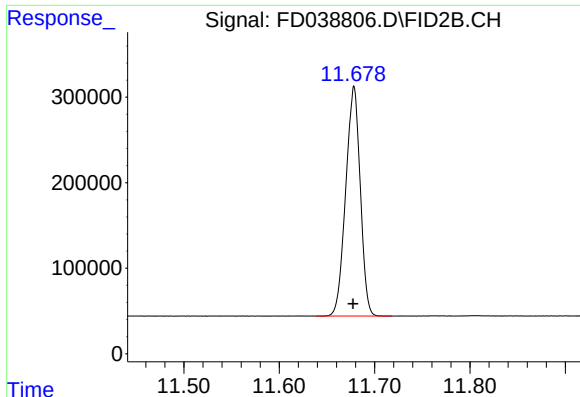
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.000 min
Response: 2706585
Conc: 19.80 ug/ml



#8 n-Octadecane (C18)

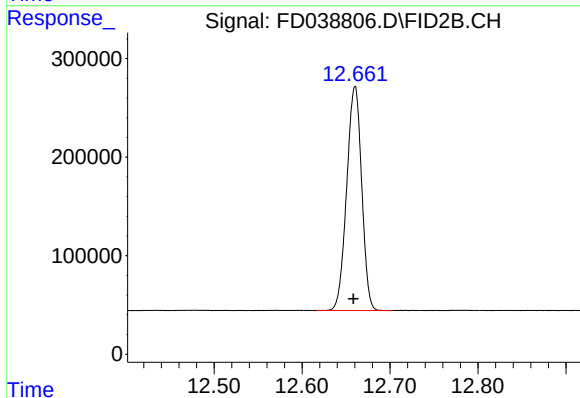
R.T.: 11.354 min
Delta R.T.: 0.002 min
Response: 2751039
Conc: 19.69 ug/ml



#9 ortho-Terphenyl (SURR)

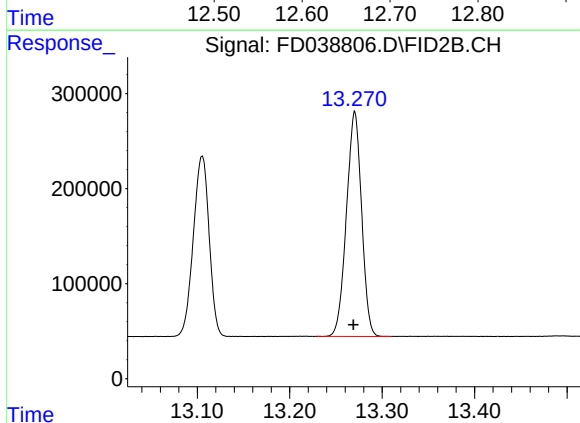
R.T.: 11.678 min
Delta R.T.: 0.001 min
Response: 2853546
Conc: 19.41 ug/ml

Instrument :
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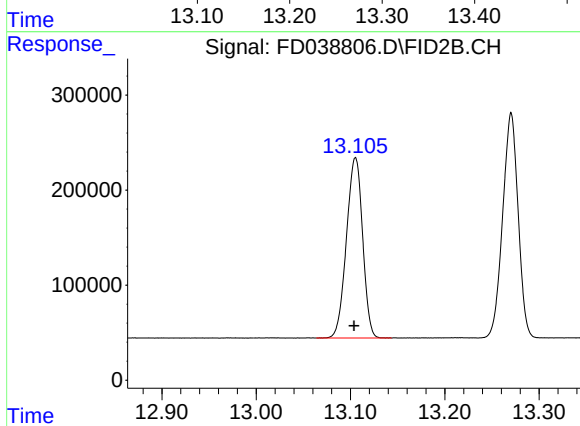
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.002 min
Response: 2695838
Conc: 19.55 ug/ml



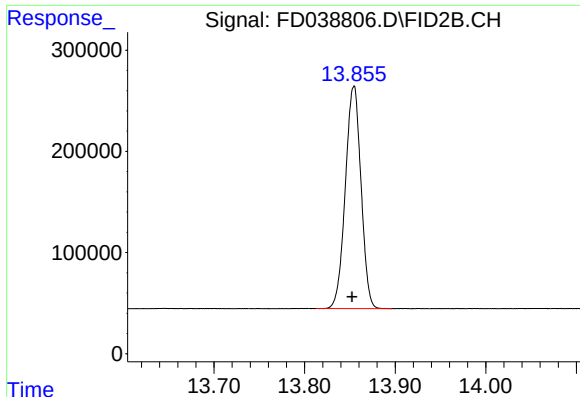
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.001 min
Response: 2696998
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

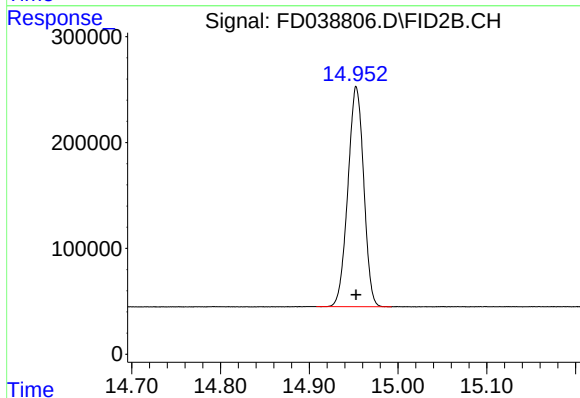
R.T.: 13.105 min
Delta R.T.: 0.002 min
Response: 2256898
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

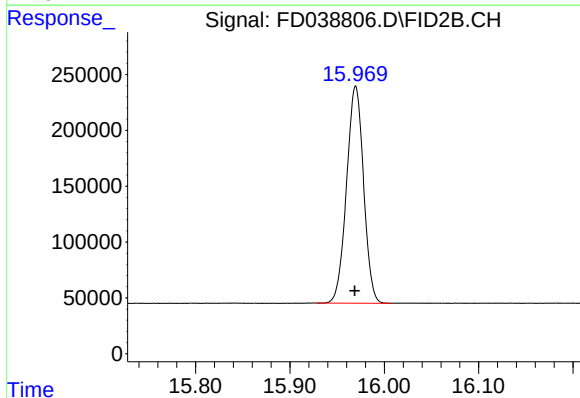
R.T.: 13.854 min
Delta R.T.: 0.002 min
Response: 2644477
Conc: 19.41 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



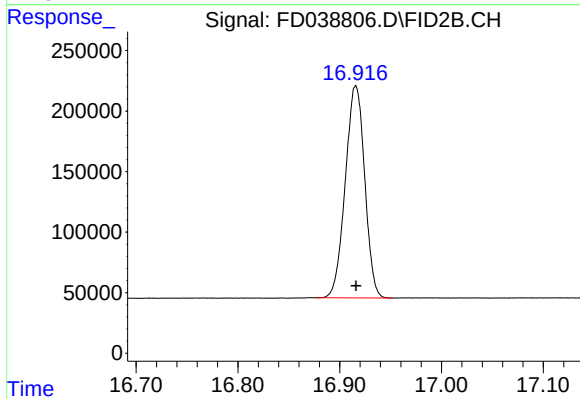
#14 n-Tetracosane (C24)

R.T.: 14.953 min
Delta R.T.: 0.000 min
Response: 2576866
Conc: 19.29 ug/ml



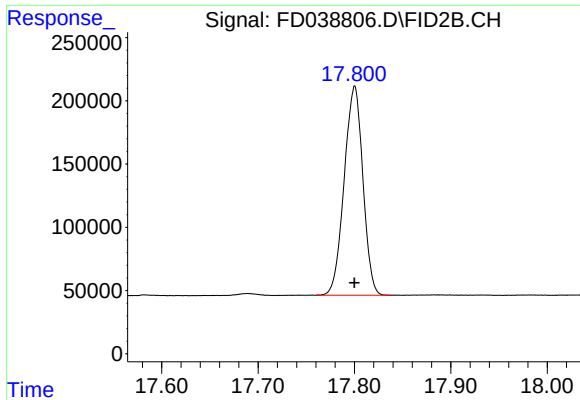
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: 0.000 min
Response: 2436807
Conc: 19.22 ug/ml



#16 n-Octacosane (C28)

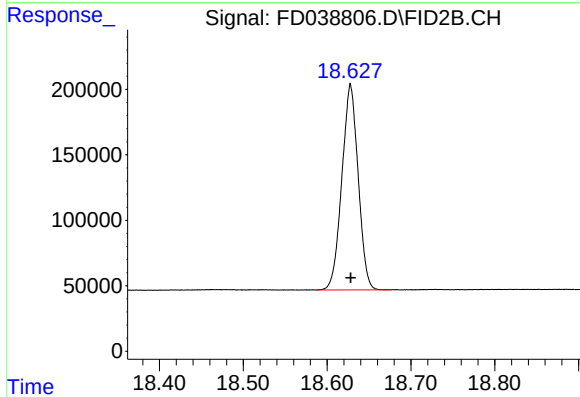
R.T.: 16.916 min
Delta R.T.: 0.000 min
Response: 2324982
Conc: 19.23 ug/ml



#17 n-Tricontane (C30)

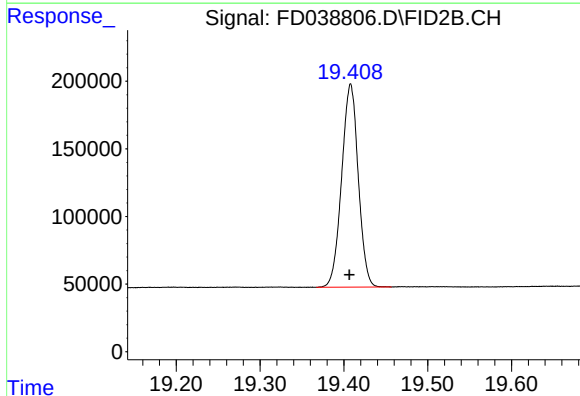
R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 2223798
Conc: 19.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM ALIPHATIC HC STD



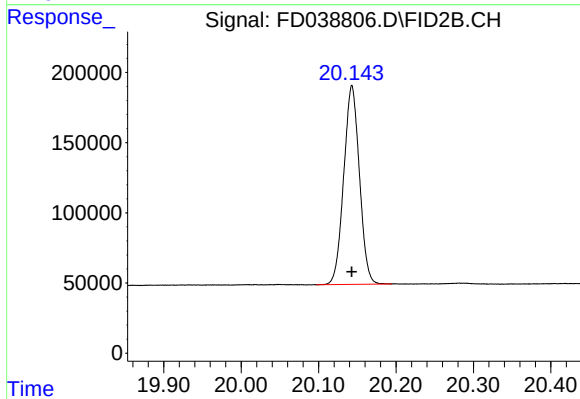
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: 0.000 min
Response: 2122207
Conc: 19.62 ug/ml



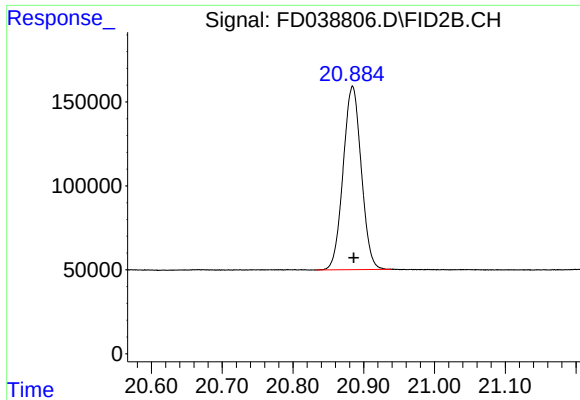
#19 n-Tetratriacontane (C34)

R.T.: 19.408 min
Delta R.T.: 0.001 min
Response: 2067825
Conc: 19.86 ug/ml



#20 n-Hexatriacontane (C36)

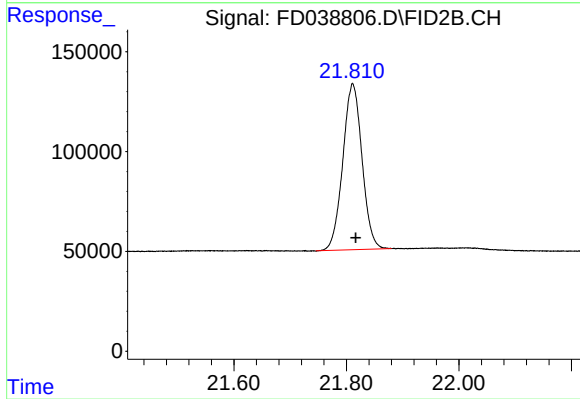
R.T.: 20.143 min
Delta R.T.: 0.000 min
Response: 1991470
Conc: 20.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: -0.002 min
Response: 1942172
Conc: 20.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.811 min
Delta R.T.: -0.006 min
Response: 1971165
Conc: 20.82 ug/ml