

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014496.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 23:25
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 11 08:09:05 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:07:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.800	2817834	19.733 ug/ml
Spiked Amount 50.000		Recovery =	39.47%
12) S 1-chlorooctadecane (S...	13.244	2121314	19.942 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T n-Nonane (C9)	3.204	2337316	19.704 ug/ml
2) T n-Decane (C10)	4.453	2371868	19.794 ug/ml
3) T A~Naphthalene (C11.7)	6.146	2489468	20.152 ug/ml
4) T n-Dodecane (C12)	6.617	2441913	19.813 ug/ml
5) T A~2-methylnaphthalene...	7.242	2303359	20.620 ug/ml
6) T n-Tetradecane (C14)	8.444	2379413	19.910 ug/ml
7) T n-Hexadecane (C16)	10.049	2455905	20.144 ug/ml
8) T n-Octadecane (C18)	11.492	2540630	19.889 ug/ml
10) T n-Eicosane (C20)	12.800	2502128	19.786 ug/ml
11) T n-Heneicosane (C21)	13.412	2476947	19.815 ug/ml
13) T n-Docosane (C22)	13.998	2449518	19.828 ug/ml
14) T n-Tetracosane (C24)	15.100	2426960	19.843 ug/ml
15) T n-Hexacosane (C26)	16.119	2370903	19.804 ug/ml
16) T n-Octacosane (C28)	17.068	2311193	19.908 ug/ml
17) T n-Tricontane (C30)	17.955	2327942	19.869 ug/ml
18) T n-Dotriacontane (C32)	18.786	2218076	19.967 ug/ml
19) T n-Tetratriacontane (C34)	19.567	1926070	20.049 ug/ml
20) T n-Hexatriacontane (C36)	20.305	1632553	20.107 ug/ml
21) T n-Octatriacontane (C38)	21.024	1447813	19.858 ug/ml
22) T n-Tetracontane (C40)	21.898	1058277	16.816 ug/ml

(f)=RT Delta > 1/2 Window

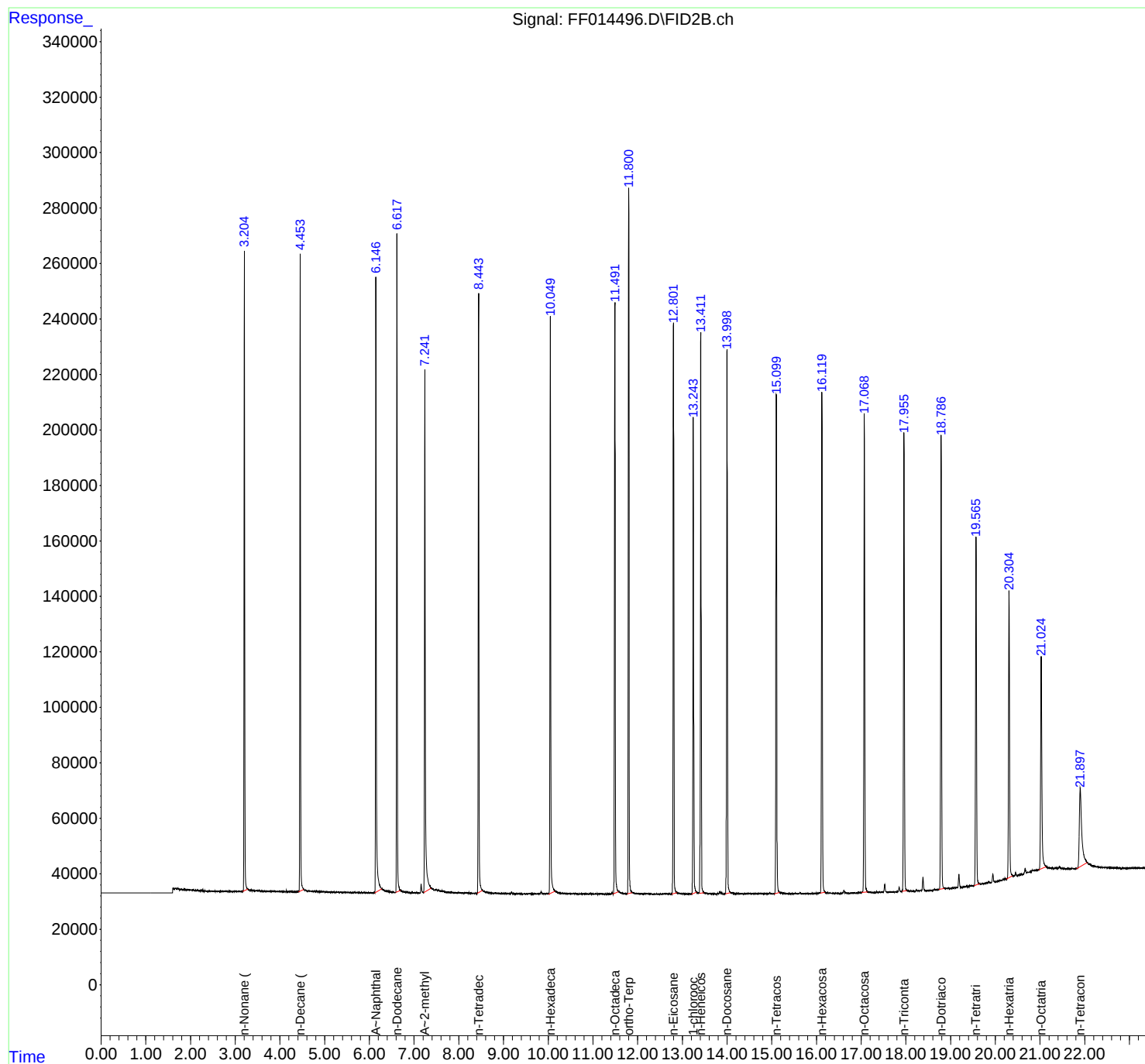
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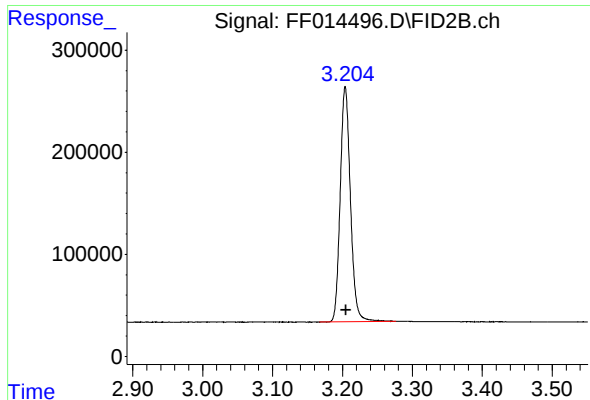
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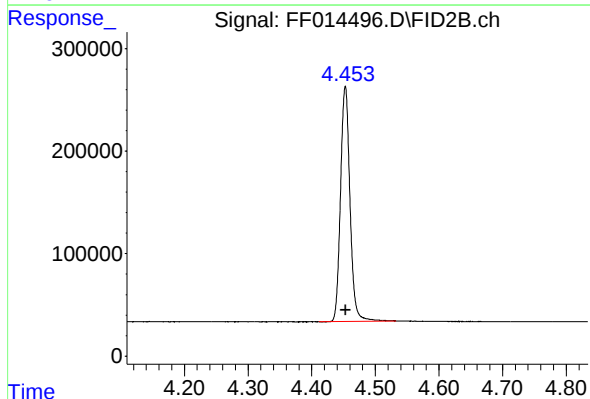




#1 n-Nonane (C9)

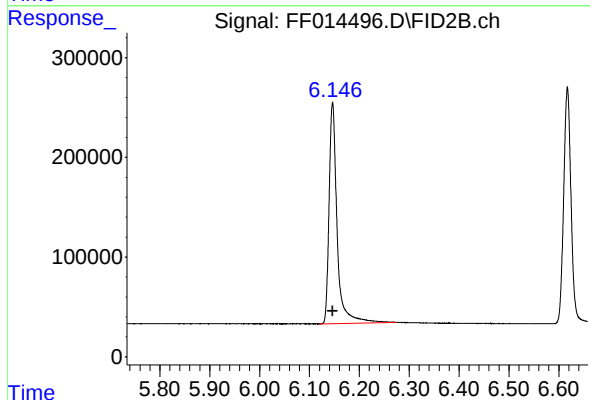
R.T.: 3.204 min
Delta R.T.: 0.000 min
Response: 2337316
Conc: 19.70 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



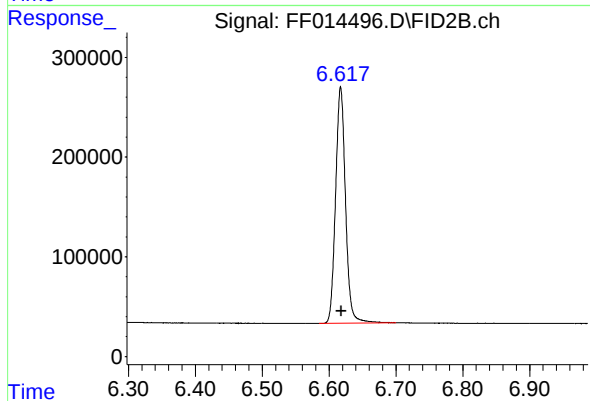
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 2371868
Conc: 19.79 ug/ml



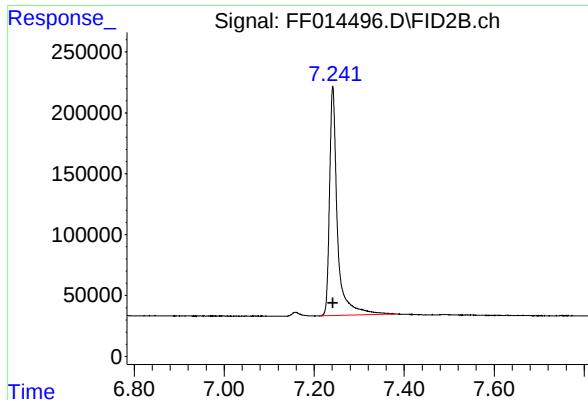
#3 A~Naphthalene (C11.7)

R.T.: 6.146 min
Delta R.T.: 0.000 min
Response: 2489468
Conc: 20.15 ug/ml



#4 n-Dodecane (C12)

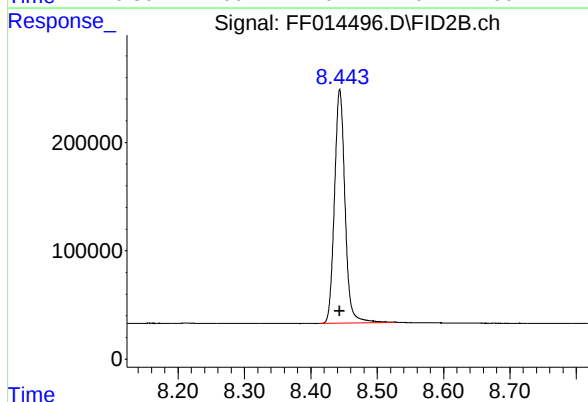
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2441913
Conc: 19.81 ug/ml



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

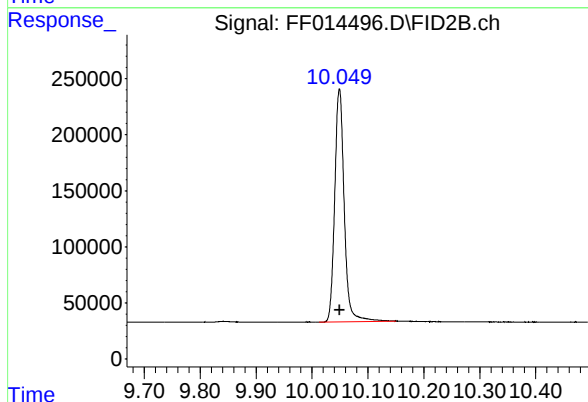
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 2303359
Conc: 20.62 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



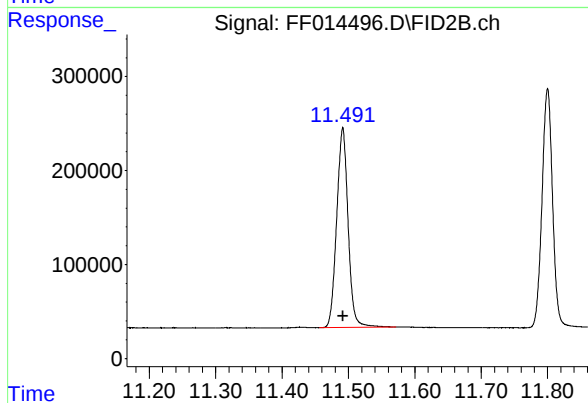
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 2379413
Conc: 19.91 ug/ml



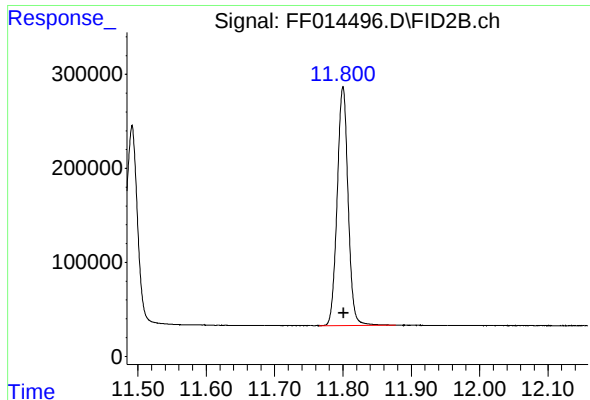
#7 n-Hexadecane (C16)

R.T.: 10.049 min
Delta R.T.: 0.000 min
Response: 2455905
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

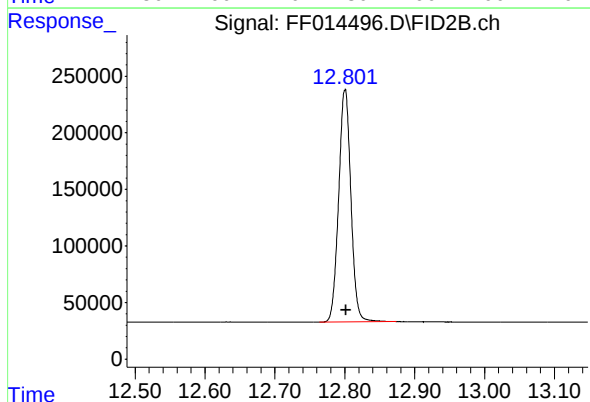
R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 2540630
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

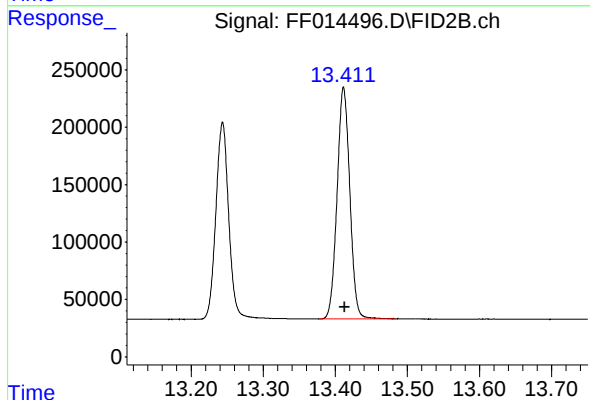
R.T.: 11.800 min
Delta R.T.: 0.000 min
Response: 2817834
Conc: 19.73 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



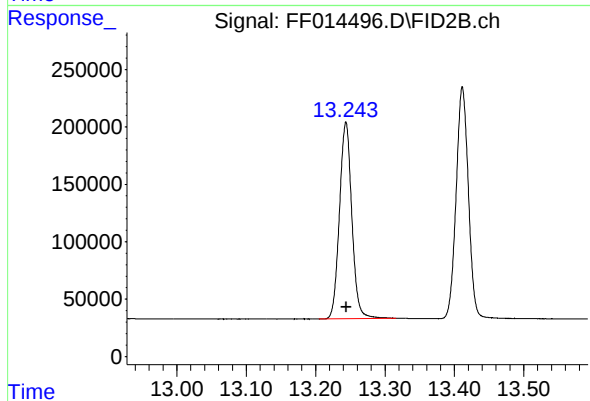
#10 n-Eicosane (C20)

R.T.: 12.800 min
Delta R.T.: -0.001 min
Response: 2502128
Conc: 19.79 ug/ml



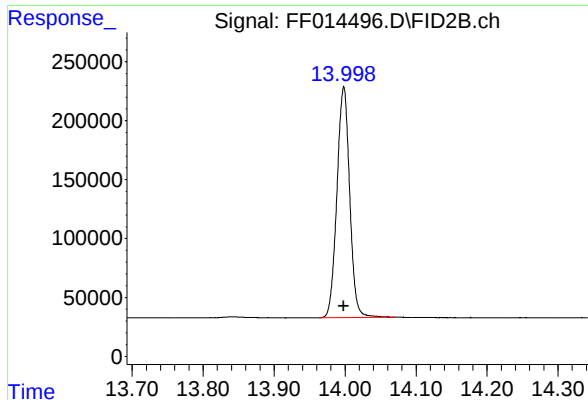
#11 n-Heneicosane (C21)

R.T.: 13.412 min
Delta R.T.: -0.001 min
Response: 2476947
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

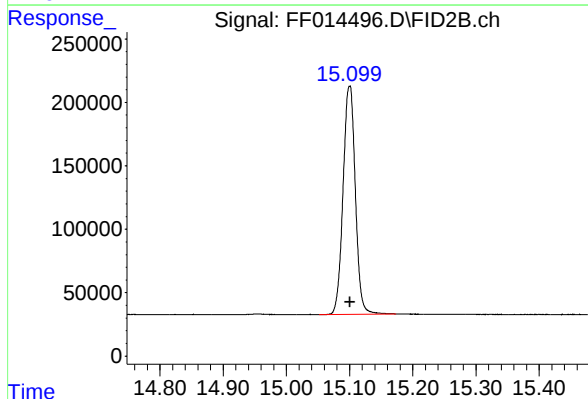
R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 2121314
Conc: 19.94 ug/ml



#13 n-Docosane (C22)

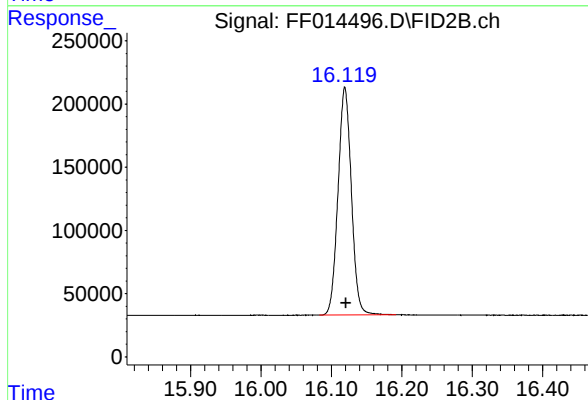
R.T.: 13.998 min
Delta R.T.: 0.000 min
Response: 2449518
Conc: 19.83 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



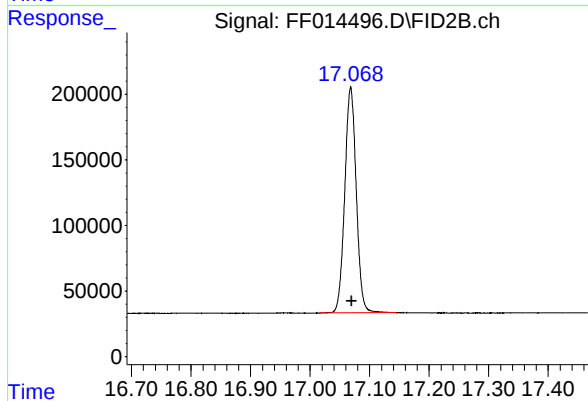
#14 n-Tetracosane (C24)

R.T.: 15.100 min
Delta R.T.: 0.000 min
Response: 2426960
Conc: 19.84 ug/ml



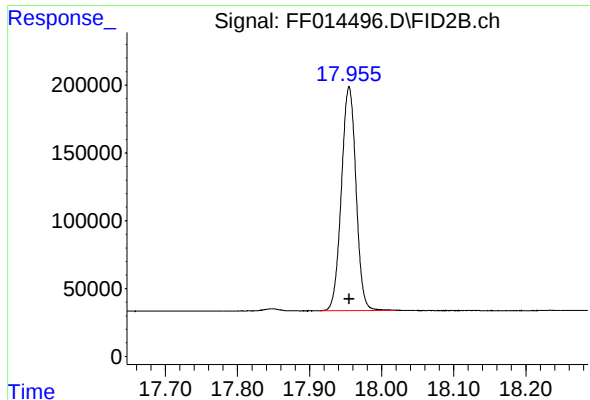
#15 n-Hexacosane (C26)

R.T.: 16.119 min
Delta R.T.: -0.001 min
Response: 2370903
Conc: 19.80 ug/ml



#16 n-Octacosane (C28)

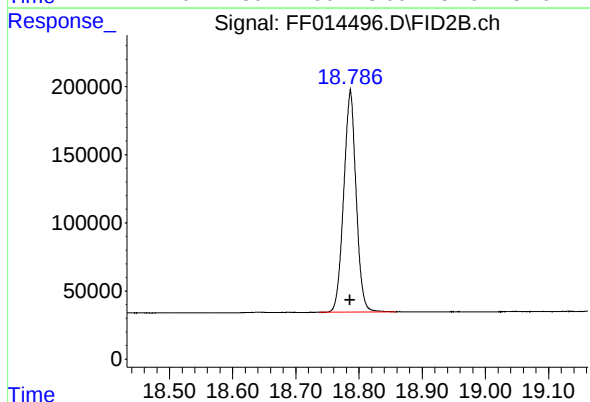
R.T.: 17.068 min
Delta R.T.: -0.002 min
Response: 2311193
Conc: 19.91 ug/ml



#17 n-Tricontane (C30)

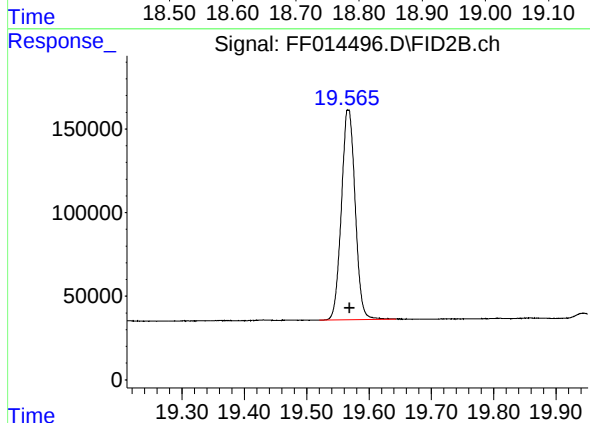
R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 2327942
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



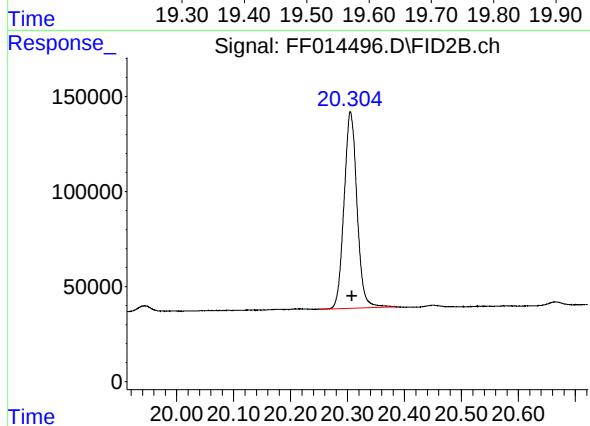
#18 n-Dotriacontane (C32)

R.T.: 18.786 min
Delta R.T.: 0.000 min
Response: 2218076
Conc: 19.97 ug/ml



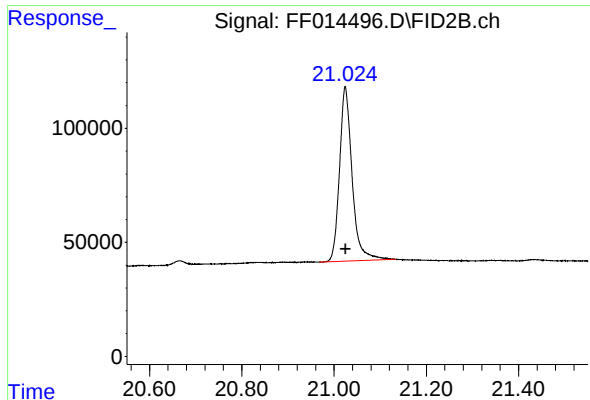
#19 n-Tetratriacontane (C34)

R.T.: 19.567 min
Delta R.T.: -0.002 min
Response: 1926070
Conc: 20.05 ug/ml



#20 n-Hexatriacontane (C36)

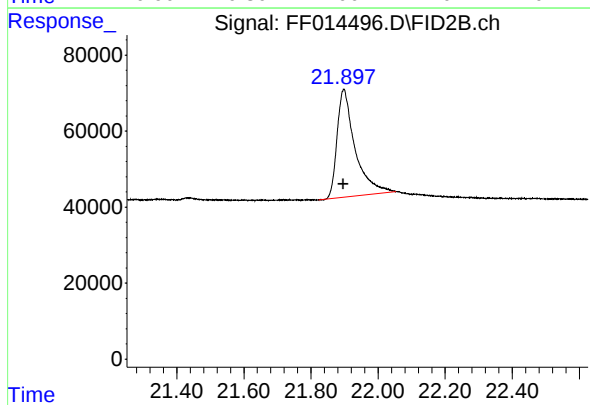
R.T.: 20.305 min
Delta R.T.: -0.003 min
Response: 1632553
Conc: 20.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.024 min
Delta R.T.: -0.001 min
Response: 1447813
Conc: 19.86 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.898 min
Delta R.T.: 0.001 min
Response: 1058277
Conc: 16.82 ug/ml