

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091324AL\
 Data File : FF014517.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 23:31
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 14 04:24:03 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)	11.799	2942445	20.606 ug/ml
Spiked Amount 50.000		Recovery =	41.21%
12) S 1-chlorooctadecane (S...	13.241	2218082	20.852 ug/ml
Spiked Amount 50.000		Recovery =	41.70%
Target Compounds			
1) T n-Nonane (C9)	3.202	2474371	20.859 ug/ml
2) T n-Decane (C10)	4.451	2496898	20.838 ug/ml
3) T A~Naphthalene (C11.7)	6.145	2591388	20.977 ug/ml
4) T n-Dodecane (C12)	6.616	2557505	20.751 ug/ml
5) T A~2-methylnaphthalene...	7.240	2410923	21.583 ug/ml
6) T n-Tetradecane (C14)	8.442	2504954	20.960 ug/ml
7) T n-Hexadecane (C16)	10.047	2560179	21.000 ug/ml
8) T n-Octadecane (C18)	11.490	2660043	20.824 ug/ml
10) T n-Eicosane (C20)	12.798	2613357	20.666 ug/ml
11) T n-Heneicosane (C21)	13.410	2590447	20.723 ug/ml
13) T n-Docosane (C22)	13.995	2570815	20.809 ug/ml
14) T n-Tetracosane (C24)	15.098	2566127	20.981 ug/ml
15) T n-Hexacosane (C26)	16.118	2512437	20.986 ug/ml
16) T n-Octacosane (C28)	17.067	2441408	21.029 ug/ml
17) T n-Tricontane (C30)	17.953	2457404	20.974 ug/ml
18) T n-Dotriacontane (C32)	18.784	2342087	21.083 ug/ml
19) T n-Tetratriacontane (C34)	19.565	2028367	21.113 ug/ml
20) T n-Hexatriacontane (C36)	20.304	1719692	21.180 ug/ml
21) T n-Octatriacontane (C38)	21.022	1518793	20.831 ug/ml
22) T n-Tetracontane (C40)	21.891	1154435	18.344 ug/ml

(f)=RT Delta > 1/2 Window

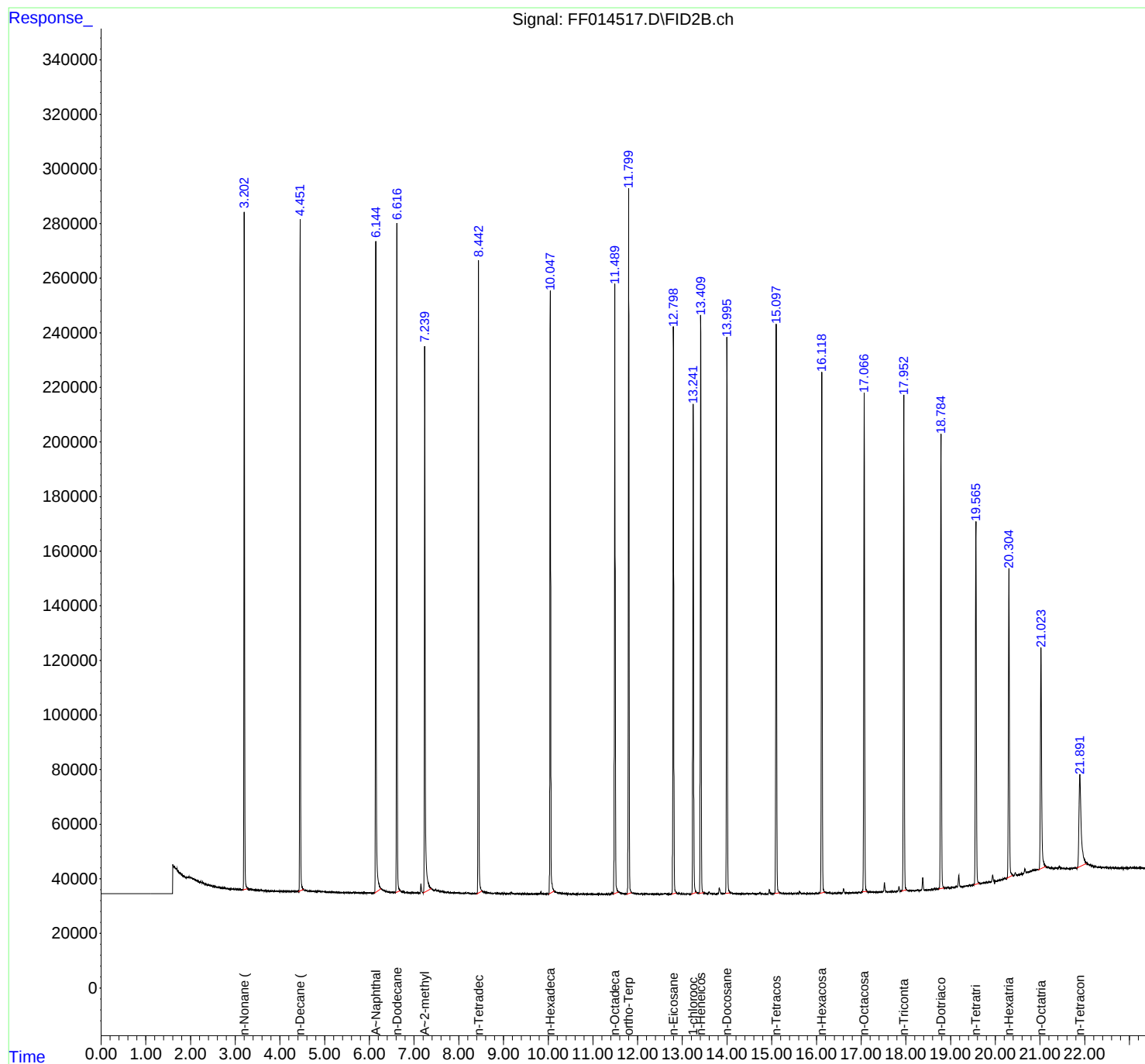
(m)=manual int.

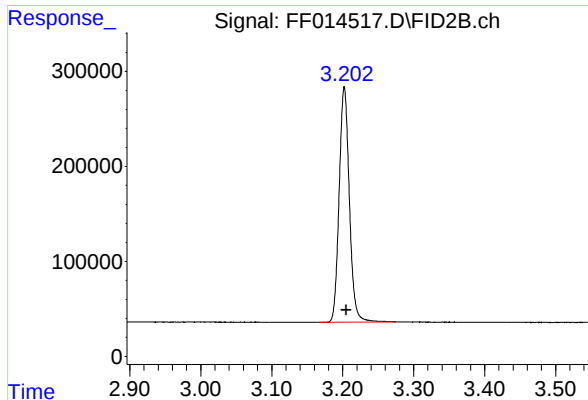
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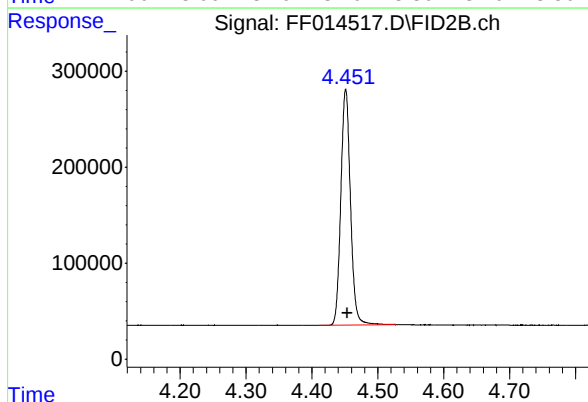




#1 n-Nonane (C9)

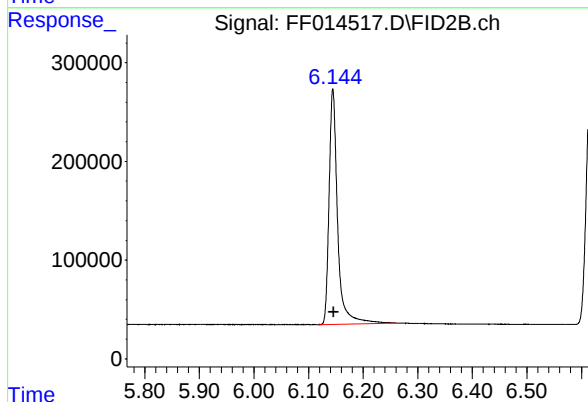
R.T.: 3.202 min
Delta R.T.: -0.003 min
Response: 2474371
Conc: 20.86 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



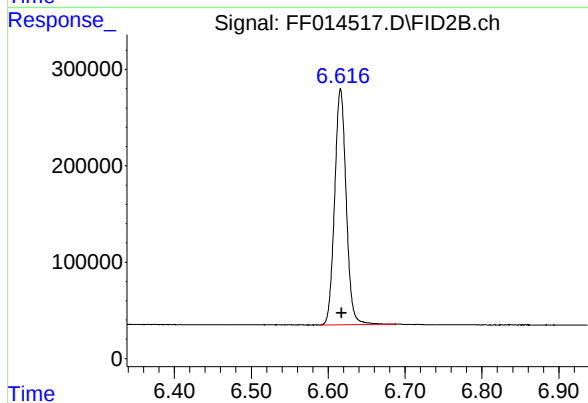
#2 n-Decane (C10)

R.T.: 4.451 min
Delta R.T.: -0.002 min
Response: 2496898
Conc: 20.84 ug/ml



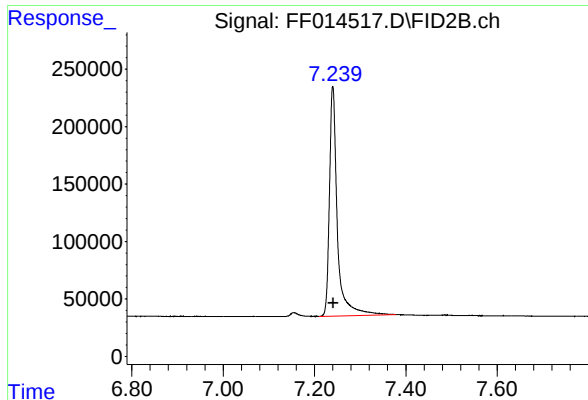
#3 A~Naphthalene (C11.7)

R.T.: 6.145 min
Delta R.T.: -0.002 min
Response: 2591388
Conc: 20.98 ug/ml



#4 n-Dodecane (C12)

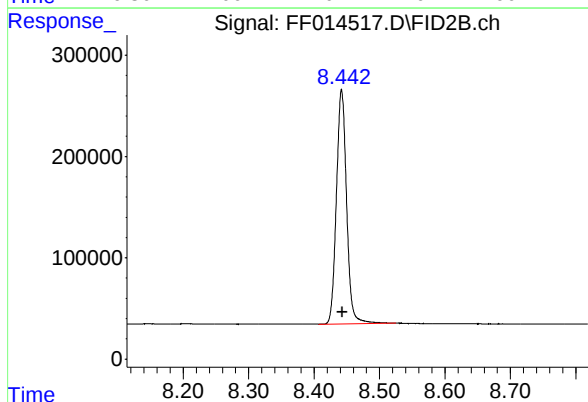
R.T.: 6.616 min
Delta R.T.: -0.002 min
Response: 2557505
Conc: 20.75 ug/ml



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

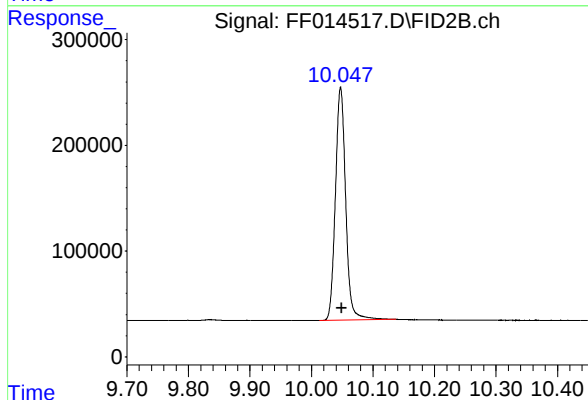
R.T.: 7.240 min
Delta R.T.: -0.002 min
Response: 2410923
Conc: 21.58 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



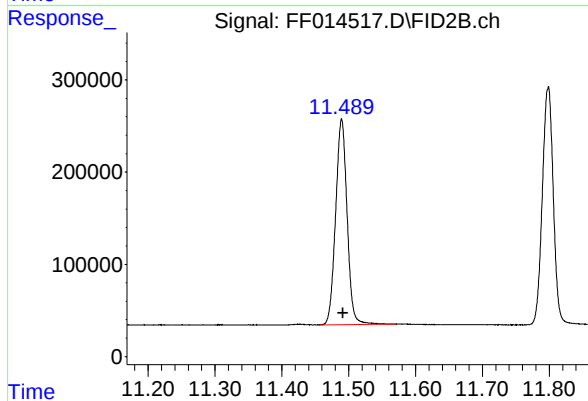
#6 n-Tetradecane (C14)

R.T.: 8.442 min
Delta R.T.: -0.001 min
Response: 2504954
Conc: 20.96 ug/ml



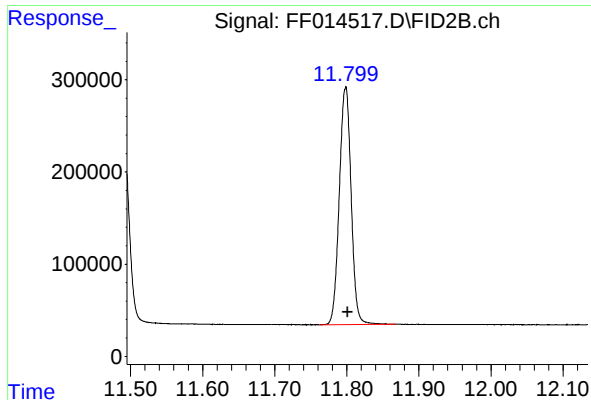
#7 n-Hexadecane (C16)

R.T.: 10.047 min
Delta R.T.: -0.002 min
Response: 2560179
Conc: 21.00 ug/ml



#8 n-Octadecane (C18)

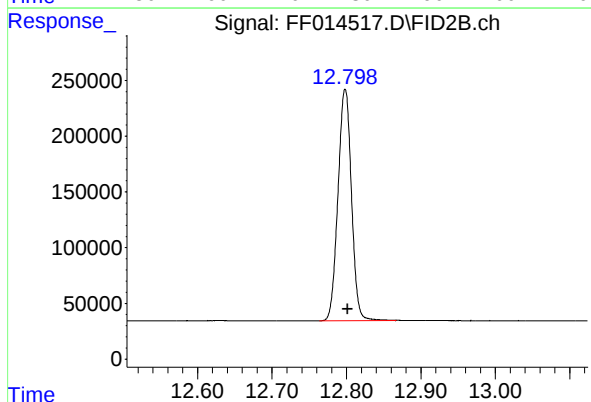
R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 2660043
Conc: 20.82 ug/ml



#9 ortho-Terphenyl (SURR)

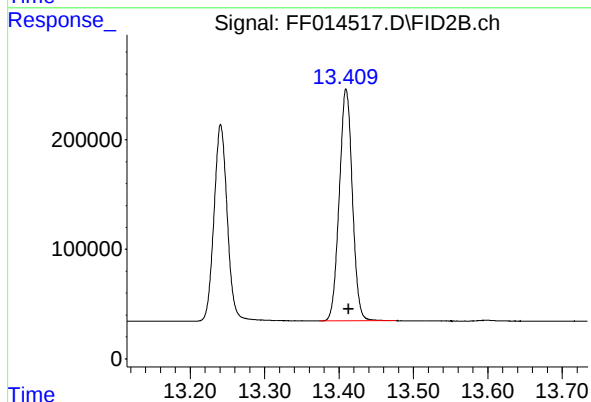
R.T.: 11.799 min
Delta R.T.: -0.002 min
Response: 2942445
Conc: 20.61 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



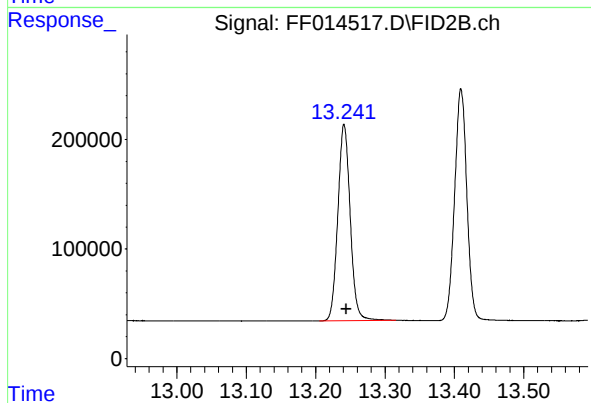
#10 n-Eicosane (C20)

R.T.: 12.798 min
Delta R.T.: -0.003 min
Response: 2613357
Conc: 20.67 ug/ml



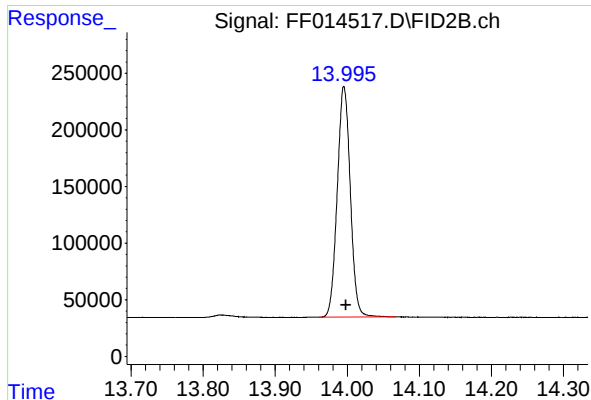
#11 n-Heneicosane (C21)

R.T.: 13.410 min
Delta R.T.: -0.003 min
Response: 2590447
Conc: 20.72 ug/ml



#12 1-chlorooctadecane (SURR)

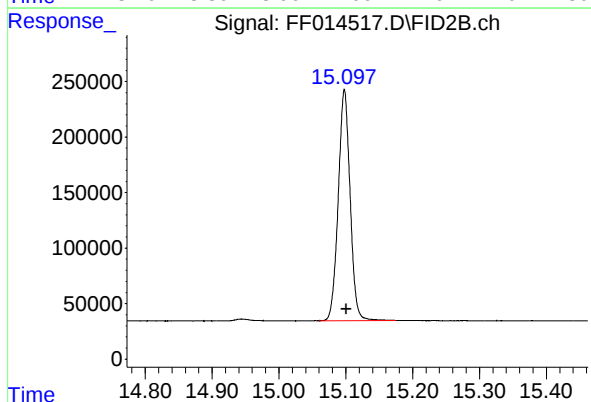
R.T.: 13.241 min
Delta R.T.: -0.003 min
Response: 2218082
Conc: 20.85 ug/ml



#13 n-Docosane (C22)

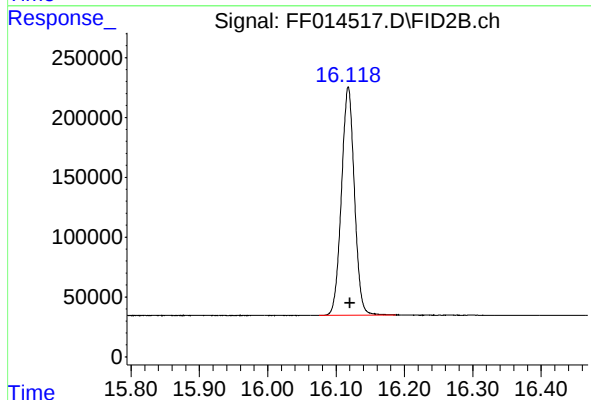
R.T.: 13.995 min
Delta R.T.: -0.003 min
Response: 2570815
Conc: 20.81 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



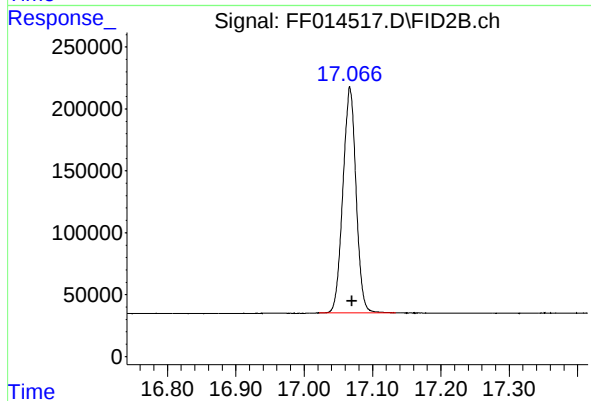
#14 n-Tetracosane (C24)

R.T.: 15.098 min
Delta R.T.: -0.003 min
Response: 2566127
Conc: 20.98 ug/ml



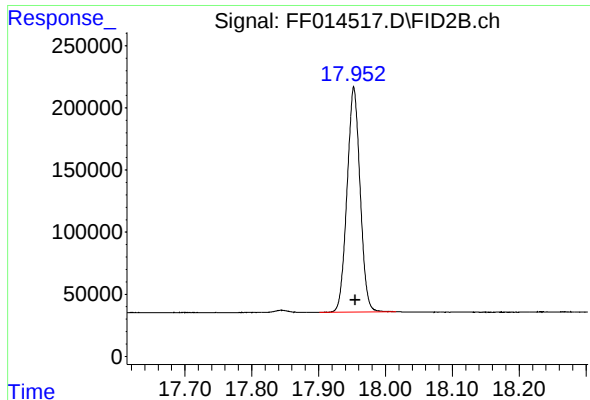
#15 n-Hexacosane (C26)

R.T.: 16.118 min
Delta R.T.: -0.003 min
Response: 2512437
Conc: 20.99 ug/ml



#16 n-Octacosane (C28)

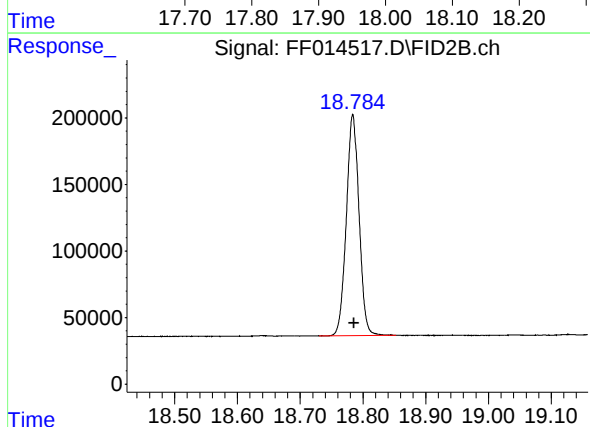
R.T.: 17.067 min
Delta R.T.: -0.003 min
Response: 2441408
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

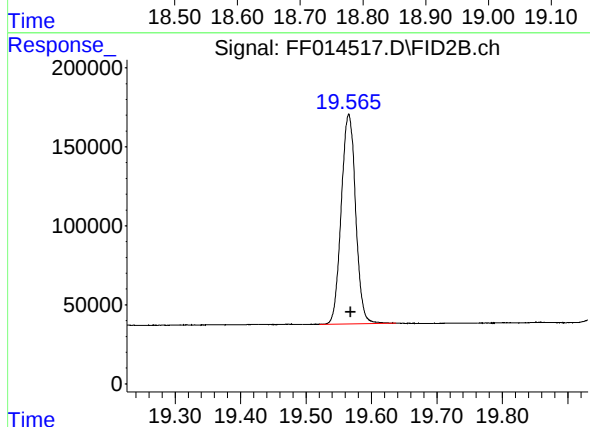
R.T.: 17.953 min
Delta R.T.: -0.002 min
Response: 2457404
Conc: 20.97 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



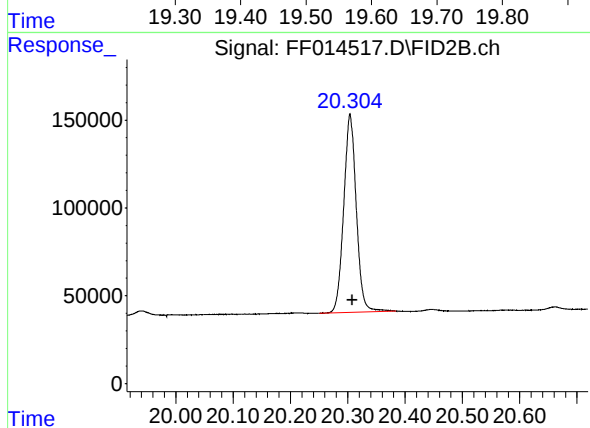
#18 n-Dotriacontane (C32)

R.T.: 18.784 min
Delta R.T.: -0.002 min
Response: 2342087
Conc: 21.08 ug/ml



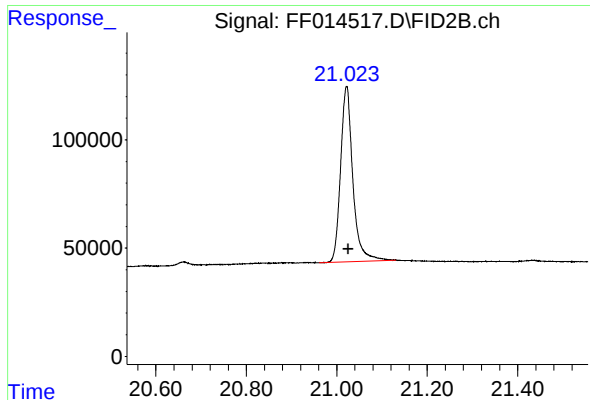
#19 n-Tetratriacontane (C34)

R.T.: 19.565 min
Delta R.T.: -0.003 min
Response: 2028367
Conc: 21.11 ug/ml



#20 n-Hexatriacontane (C36)

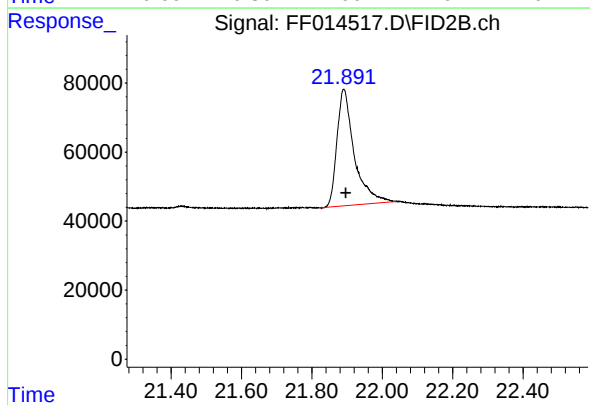
R.T.: 20.304 min
Delta R.T.: -0.004 min
Response: 1719692
Conc: 21.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.022 min
Delta R.T.: -0.004 min
Response: 1518793
Conc: 20.83 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.891 min
Delta R.T.: -0.006 min
Response: 1154435
Conc: 18.34 ug/ml