

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF100923AL\
 Data File : FF013589.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 16:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 09 23:50:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 2023
 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)	11.873	3274631	20.298 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
12) S 1-chlorooctadecane (S...	13.313	2434184	20.311 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.271	2559793	20.123 ug/ml
2) T n-Decane (C10)	4.521	2632126	20.364 ug/ml
3) T A~Naphthalene (C11.7)	6.217	2823337	20.414 ug/ml
4) T n-Dodecane (C12)	6.684	2644553	20.369 ug/ml
5) T A~2-methylnaphthalene...	7.311	2707266	20.444 ug/ml
6) T n-Tetradecane (C14)	8.510	2582249	20.278 ug/ml
7) T n-Hexadecane (C16)	10.117	2697615	20.424 ug/ml
8) T n-Octadecane (C18)	11.559	2796007	20.430 ug/ml
10) T n-Eicosane (C20)	12.869	2776569	20.396 ug/ml
11) T n-Heneicosane (C21)	13.481	2739851	20.327 ug/ml
13) T n-Docosane (C22)	14.067	2730798	20.253 ug/ml
14) T n-Tetracosane (C24)	15.171	2752892	20.150 ug/ml
15) T n-Hexacosane (C26)	16.193	2716121	19.951 ug/ml
16) T n-Octacosane (C28)	17.144	2656041	19.863 ug/ml
17) T n-Tricontane (C30)	18.030	2750100	19.851 ug/ml
18) T n-Dotriacontane (C32)	18.862	2735370	19.911 ug/ml
19) T n-Tetratriacontane (C34)	19.646	2569967	19.844 ug/ml
20) T n-Hexatriacontane (C36)	20.386	2395799	19.211 ug/ml
21) T n-Octatriacontane (C38)	21.115	2311227	19.670 ug/ml
22) T n-Tetracontane (C40)	22.005	2309826	20.082 ug/ml

(f)=RT Delta > 1/2 Window

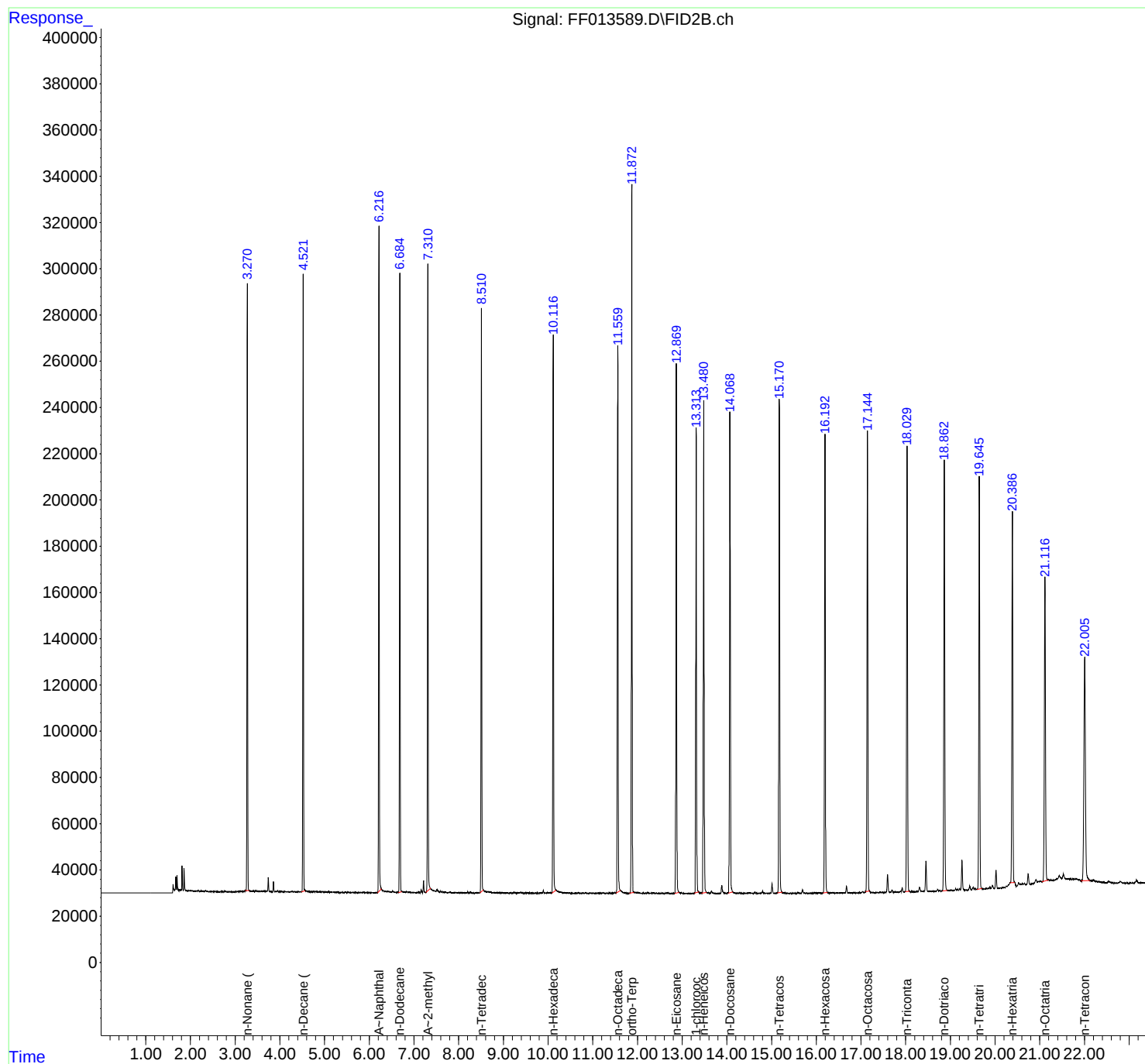
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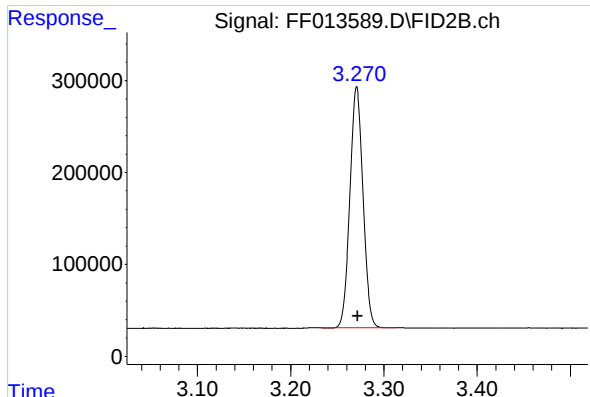
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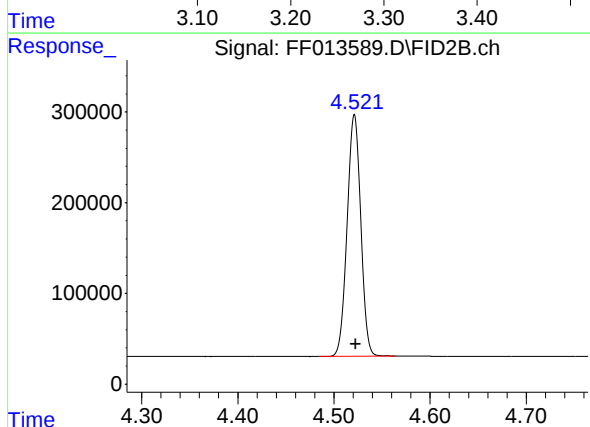




#1 n-Nonane (C9)

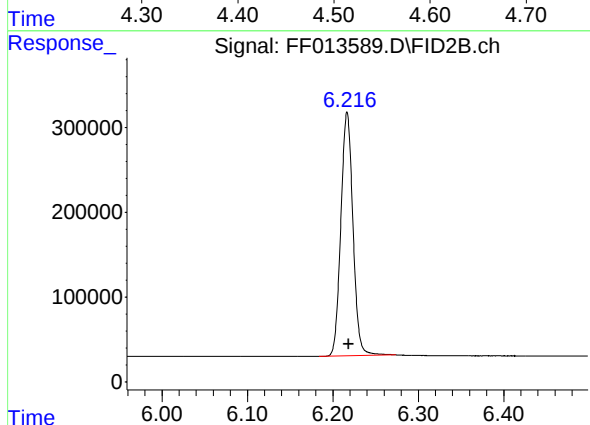
R.T.: 3.271 min
Delta R.T.: -0.001 min
Response: 2559793
Conc: 20.12 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



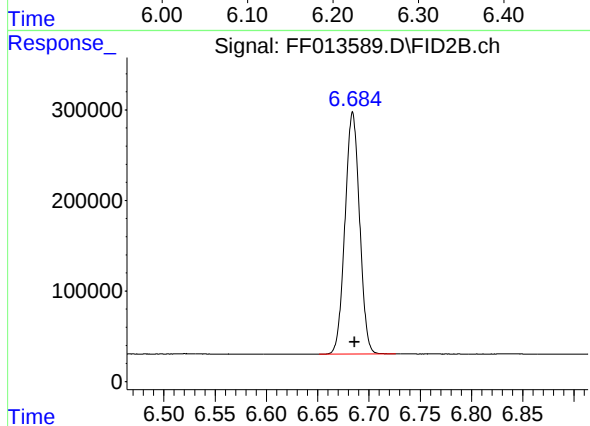
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.001 min
Response: 2632126
Conc: 20.36 ug/ml



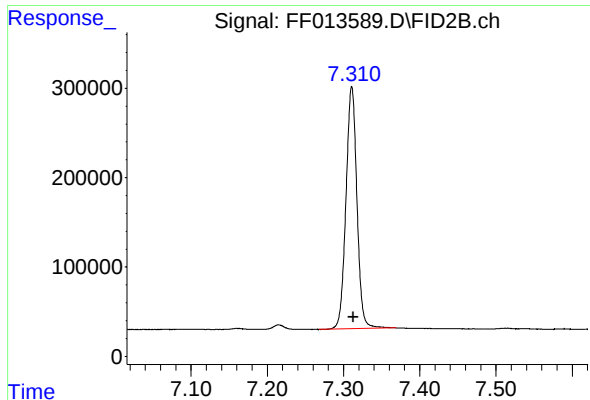
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 2823337
Conc: 20.41 ug/ml



#4 n-Dodecane (C12)

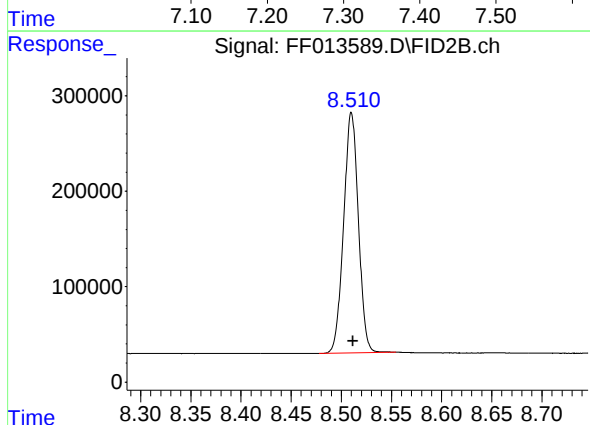
R.T.: 6.684 min
Delta R.T.: -0.002 min
Response: 2644553
Conc: 20.37 ug/ml



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

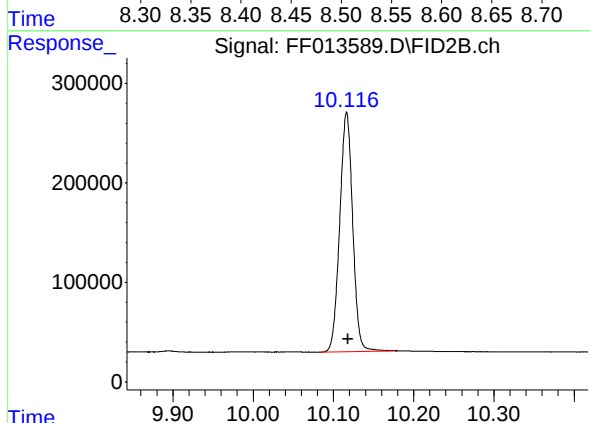
R.T.: 7.311 min
Delta R.T.: -0.002 min
Response: 2707266
Conc: 20.44 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



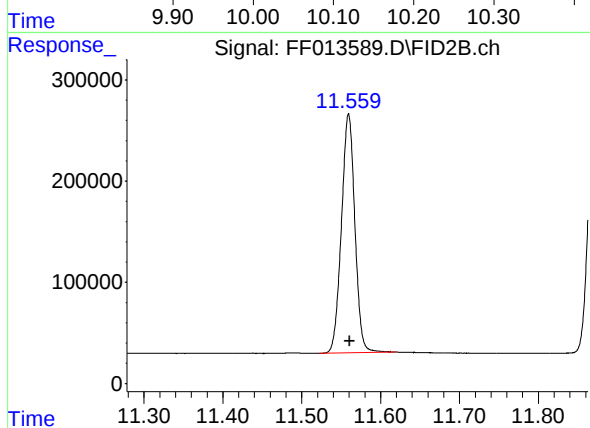
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.002 min
Response: 2582249
Conc: 20.28 ug/ml



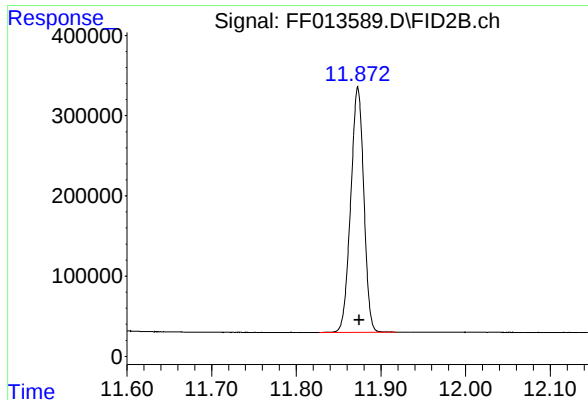
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: -0.001 min
Response: 2697615
Conc: 20.42 ug/ml



#8 n-Octadecane (C18)

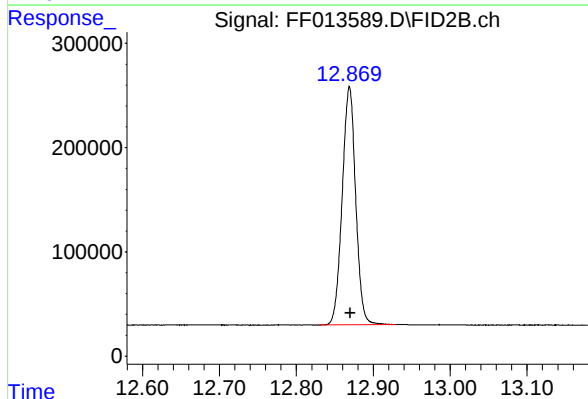
R.T.: 11.559 min
Delta R.T.: -0.002 min
Response: 2796007
Conc: 20.43 ug/ml



#9 ortho-Terphenyl (SURR)

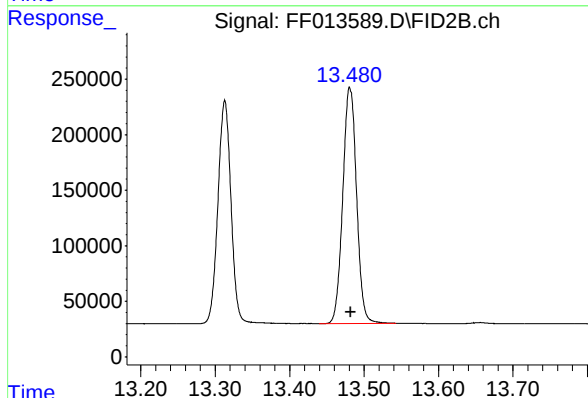
R.T.: 11.873 min
Delta R.T.: -0.002 min
Response: 3274631
Conc: 20.30 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



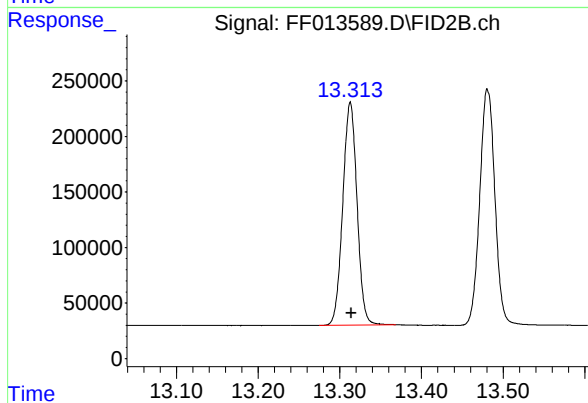
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.001 min
Response: 2776569
Conc: 20.40 ug/ml



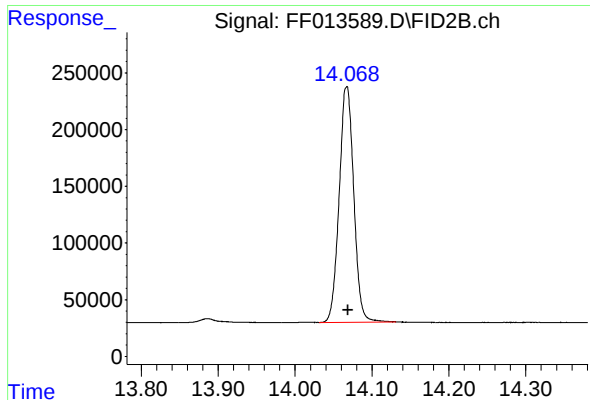
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.001 min
Response: 2739851
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

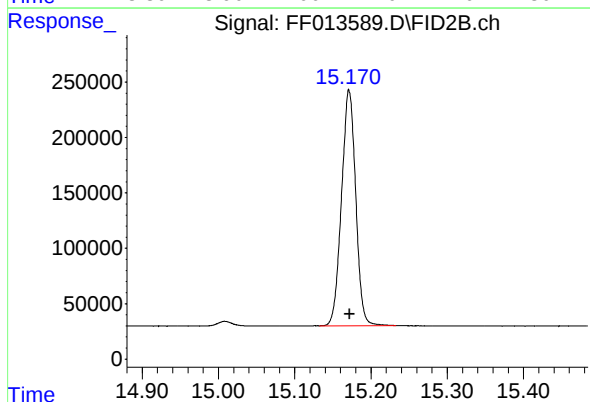
R.T.: 13.313 min
Delta R.T.: -0.001 min
Response: 2434184
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

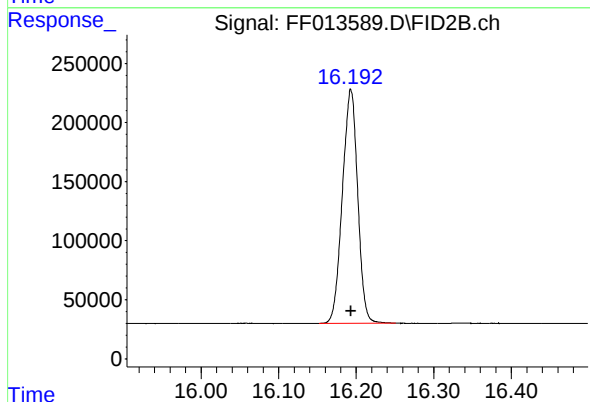
R.T.: 14.067 min
Delta R.T.: -0.002 min
Response: 2730798
Conc: 20.25 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



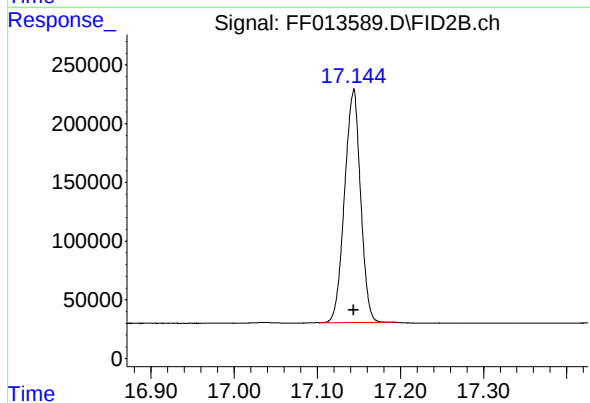
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: 0.000 min
Response: 2752892
Conc: 20.15 ug/ml



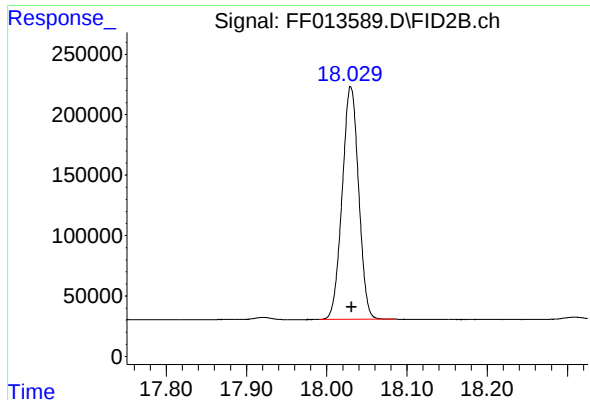
#15 n-Hexacosane (C26)

R.T.: 16.193 min
Delta R.T.: 0.000 min
Response: 2716121
Conc: 19.95 ug/ml



#16 n-Octacosane (C28)

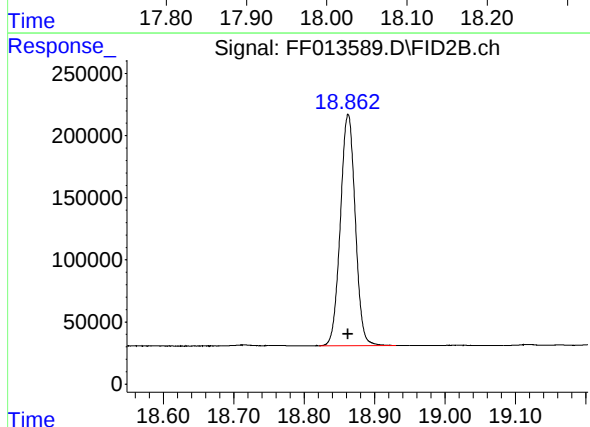
R.T.: 17.144 min
Delta R.T.: 0.000 min
Response: 2656041
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

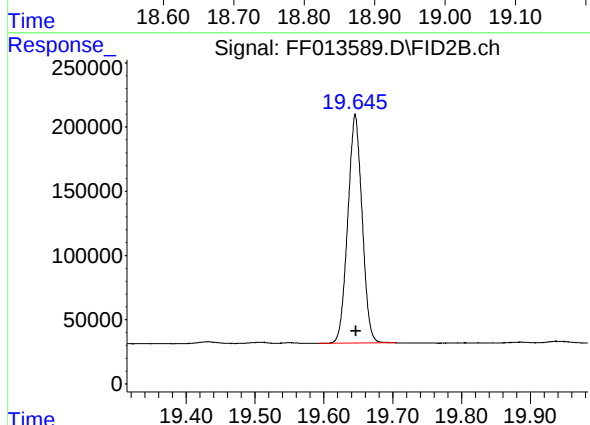
R.T.: 18.030 min
Delta R.T.: -0.001 min
Response: 2750100
Conc: 19.85 ug/ml

Instrument :
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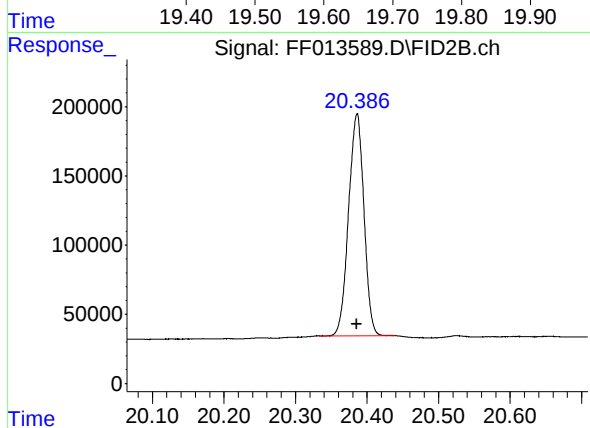
#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: 0.000 min
Response: 2735370
Conc: 19.91 ug/ml



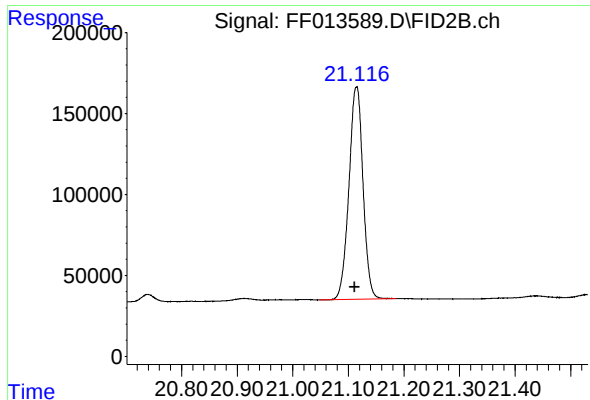
#19 n-Tetatriacontane (C34)

R.T.: 19.646 min
Delta R.T.: 0.000 min
Response: 2569967
Conc: 19.84 ug/ml



#20 n-Hexatriacontane (C36)

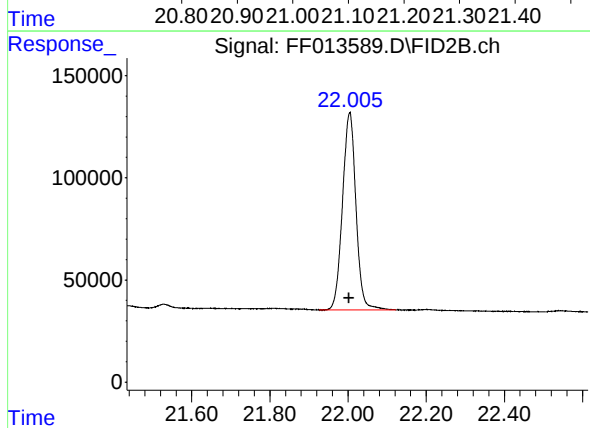
R.T.: 20.386 min
Delta R.T.: 0.000 min
Response: 2395799
Conc: 19.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.115 min
Delta R.T.: 0.003 min
Response: 2311227
Conc: 19.67 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.005 min
Delta R.T.: 0.002 min
Response: 2309826
Conc: 20.08 ug/ml