

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061323AL\
 Data File : FF012877.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2023 07:10
 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: Jun 14 00:25:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 12 16:29:21 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)	10.882	2994390	18.694 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
12) S 1-chlorooctadecane (S...	12.314	2122714	17.961 ug/ml
Spiked Amount 50.000		Recovery =	35.92%
Target Compounds			
1) T n-Nonane (C9)	2.748	2420196	18.494 ug/ml
2) T n-Decane (C10)	3.757	2435370	18.229 ug/ml
3) T A~Naphthalene (C11.7)	5.322	2442887	17.338 ug/ml
4) T n-Dodecane (C12)	5.741	2455568	18.141 ug/ml
5) T A~2-methylnaphthalene...	6.371	2248095	16.939 ug/ml
6) T n-Tetradecane (C14)	7.529	2414131	18.044 ug/ml
7) T n-Hexadecane (C16)	9.124	2479459	17.910 ug/ml
8) T n-Octadecane (C18)	10.562	2598482	18.254 ug/ml
10) T n-Eicosane (C20)	11.869	2543775	18.497 ug/ml
11) T n-Heneicosane (C21)	12.479	2518223	18.621 ug/ml
13) T n-Docosane (C22)	13.064	2492609	18.620 ug/ml
14) T n-Tetracosane (C24)	14.165	2475947	18.830 ug/ml
15) T n-Hexacosane (C26)	15.183	2418042	19.018 ug/ml
16) T n-Octacosane (C28)	16.132	2353422	19.142 ug/ml
17) T n-Tricontane (C30)	17.017	2382611	19.299 ug/ml
18) T n-Dotriacontane (C32)	17.848	2329919	19.257 ug/ml
19) T n-Tetratriacontane (C34)	18.630	2252663	19.255 ug/ml
20) T n-Hexatriacontane (C36)	19.368	2123801	18.850 ug/ml
21) T n-Octatriacontane (C38)	20.093	2005579	18.006 ug/ml
22) T n-Tetracontane (C40)	20.977	1772290	16.061 ug/ml

(f)=RT Delta > 1/2 Window

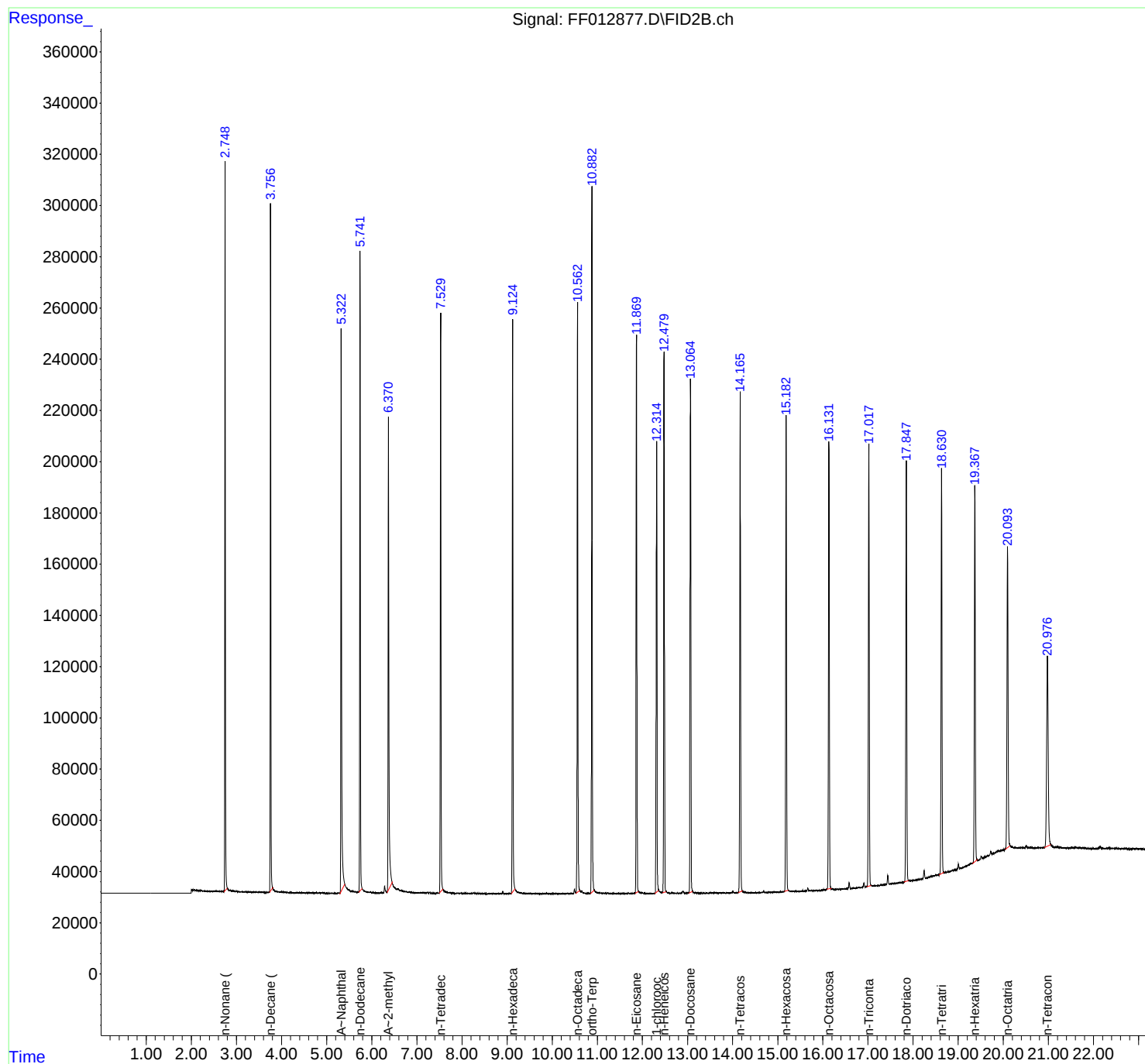
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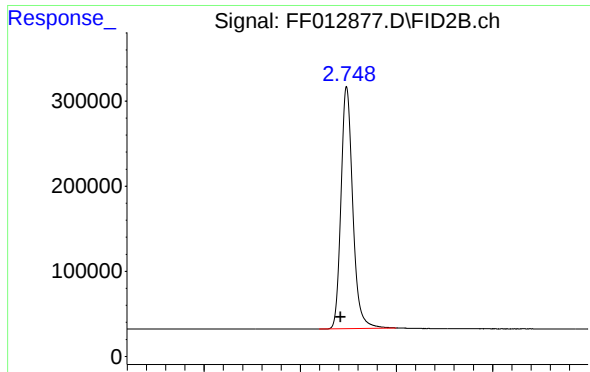
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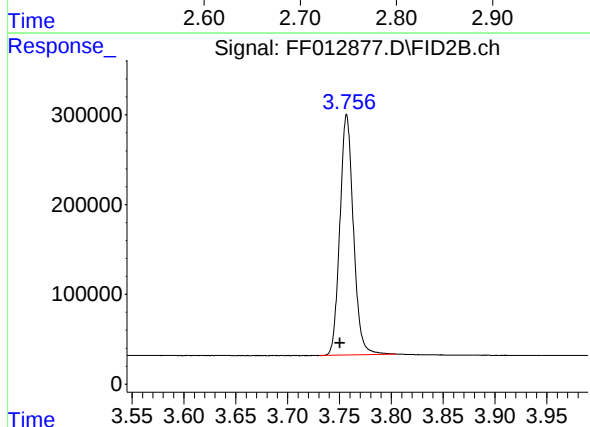




#1 n-Nonane (C9)

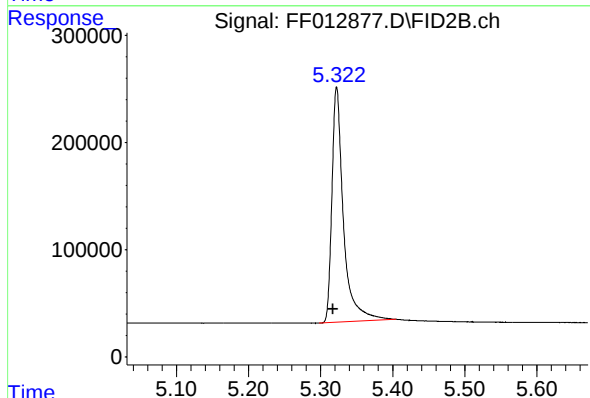
R.T.: 2.748 min
Delta R.T.: 0.006 min
Response: 2420196
Conc: 18.49 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



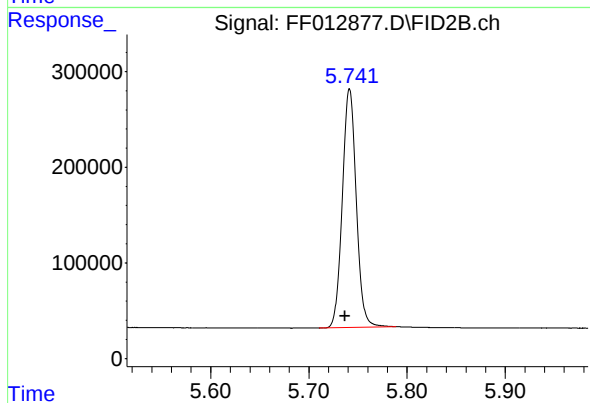
#2 n-Decane (C10)

R.T.: 3.757 min
Delta R.T.: 0.006 min
Response: 2435370
Conc: 18.23 ug/ml



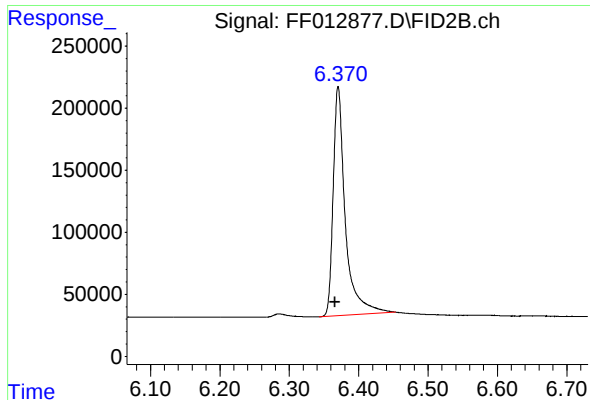
#3 A~Naphthalene (C11.7)

R.T.: 5.322 min
Delta R.T.: 0.005 min
Response: 2442887
Conc: 17.34 ug/ml



#4 n-Dodecane (C12)

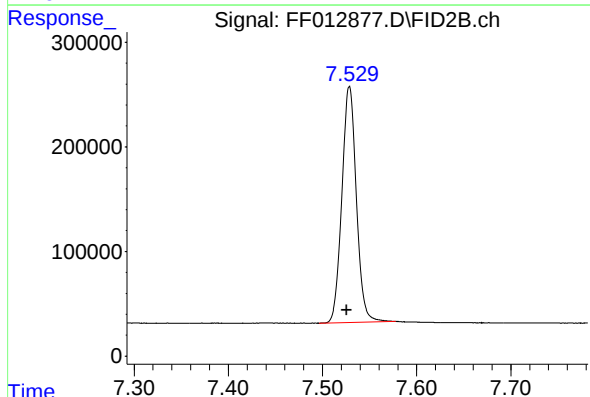
R.T.: 5.741 min
Delta R.T.: 0.005 min
Response: 2455568
Conc: 18.14 ug/ml



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

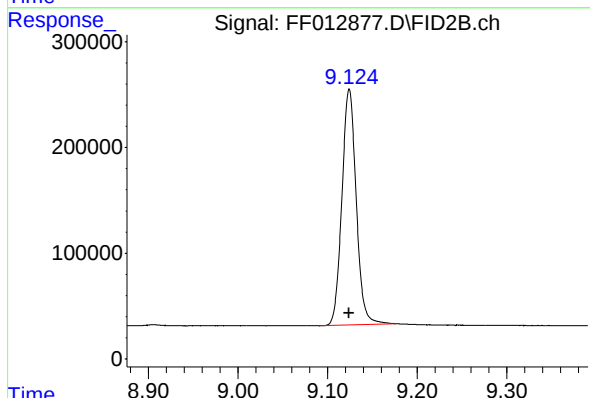
R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 2248095
Conc: 16.94 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



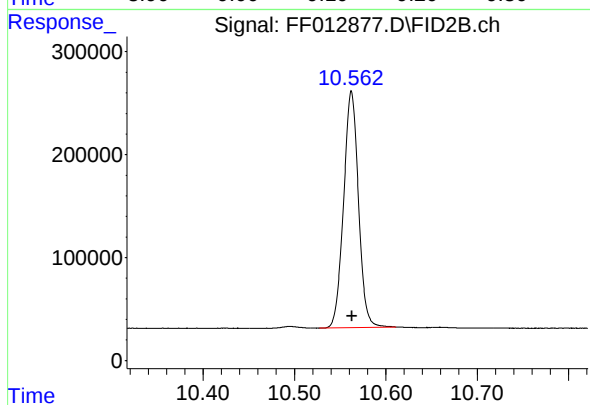
#6 n-Tetradecane (C14)

R.T.: 7.529 min
Delta R.T.: 0.003 min
Response: 2414131
Conc: 18.04 ug/ml



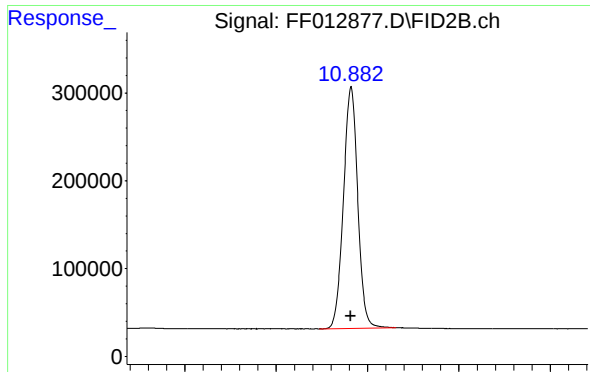
#7 n-Hexadecane (C16)

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 2479459
Conc: 17.91 ug/ml



#8 n-Octadecane (C18)

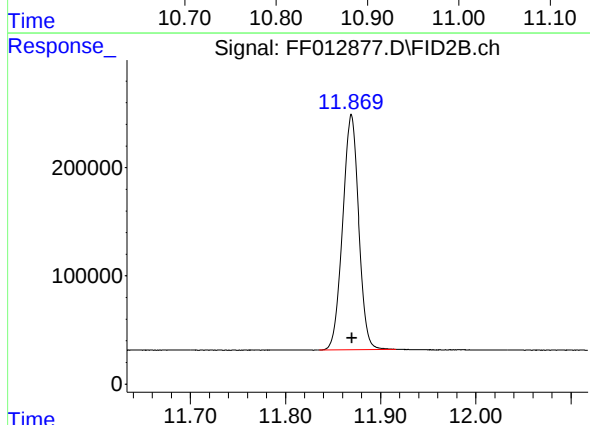
R.T.: 10.562 min
Delta R.T.: 0.000 min
Response: 2598482
Conc: 18.25 ug/ml



#9 ortho-Terphenyl (SURR)

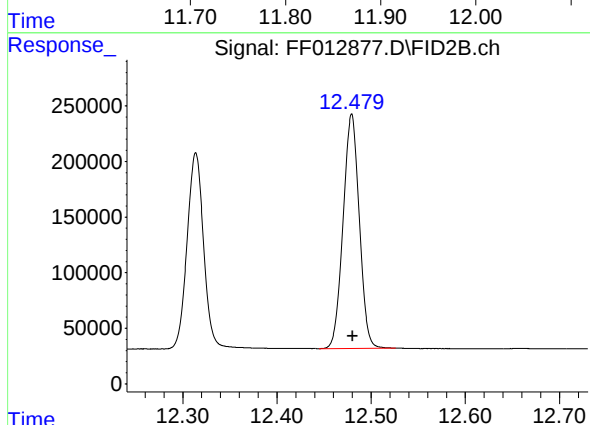
R.T.: 10.882 min
Delta R.T.: 0.000 min
Response: 2994390
Conc: 18.69 ug/ml

Instrument :
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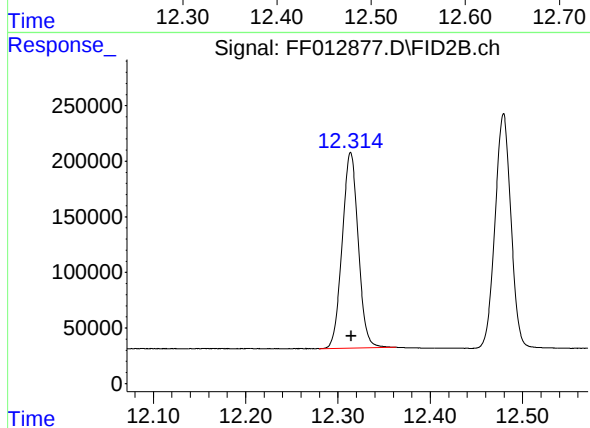
#10 n-Eicosane (C20)

R.T.: 11.869 min
Delta R.T.: 0.000 min
Response: 2543775
Conc: 18.50 ug/ml



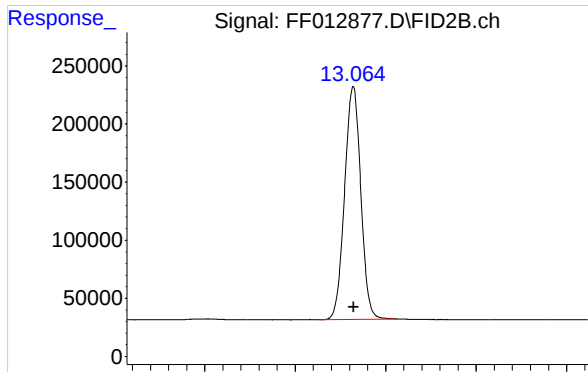
#11 n-Heneicosane (C21)

R.T.: 12.479 min
Delta R.T.: -0.001 min
Response: 2518223
Conc: 18.62 ug/ml



#12 1-chlorooctadecane (SURR)

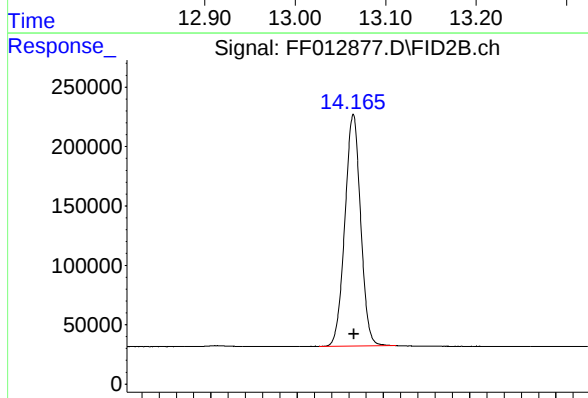
R.T.: 12.314 min
Delta R.T.: 0.000 min
Response: 2122714
Conc: 17.96 ug/ml



#13 n-Docosane (C22)

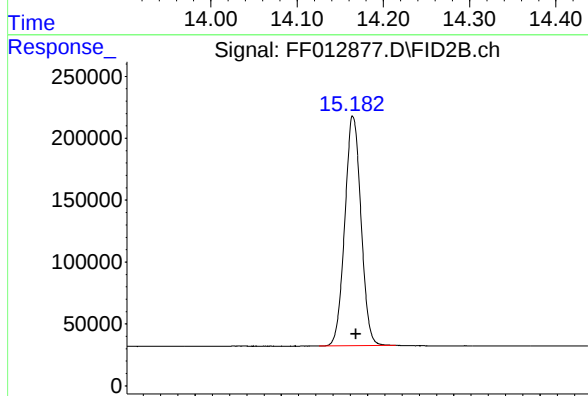
R.T.: 13.064 min
Delta R.T.: 0.000 min
Response: 2492609
Conc: 18.62 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



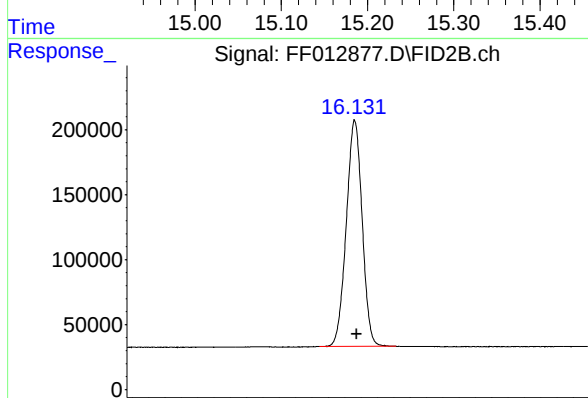
#14 n-Tetracosane (C24)

R.T.: 14.165 min
Delta R.T.: 0.000 min
Response: 2475947
Conc: 18.83 ug/ml



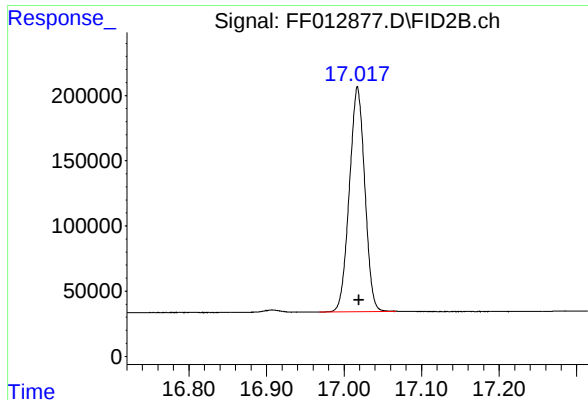
#15 n-Hexacosane (C26)

R.T.: 15.183 min
Delta R.T.: -0.003 min
Response: 2418042
Conc: 19.02 ug/ml



#16 n-Octacosane (C28)

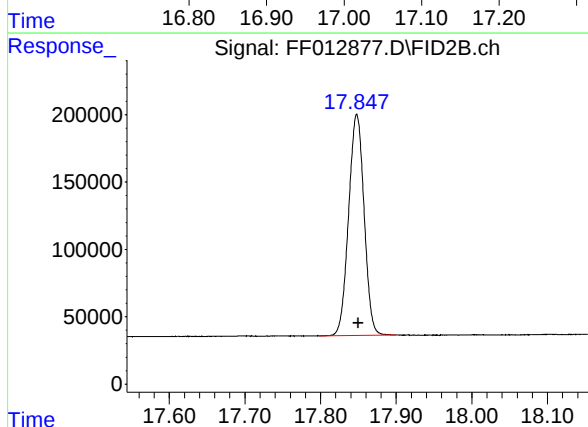
R.T.: 16.132 min
Delta R.T.: -0.002 min
Response: 2353422
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

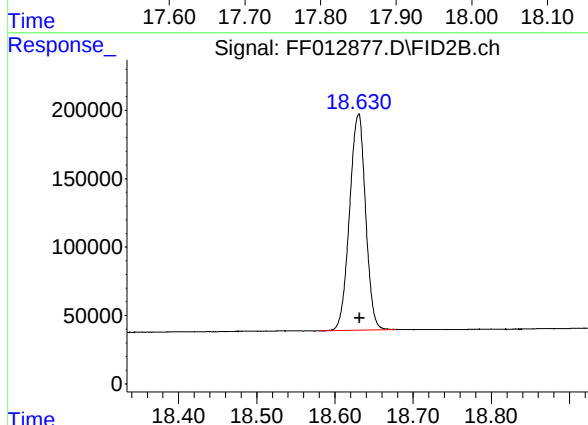
R.T.: 17.017 min
Delta R.T.: -0.002 min
Response: 2382611
Conc: 19.30 ug/ml

Instrument :
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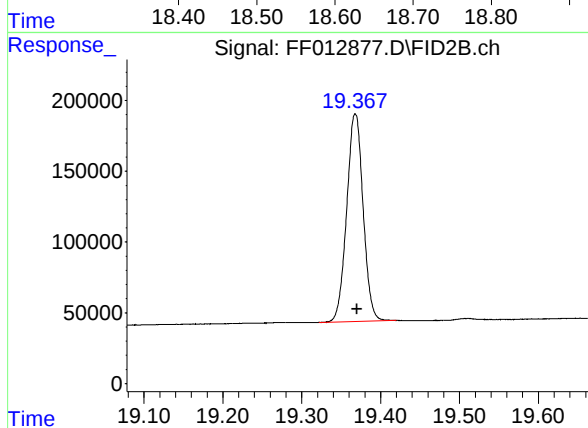
#18 n-Dotriacontane (C32)

R.T.: 17.848 min
Delta R.T.: -0.002 min
Response: 2329919
Conc: 19.26 ug/ml



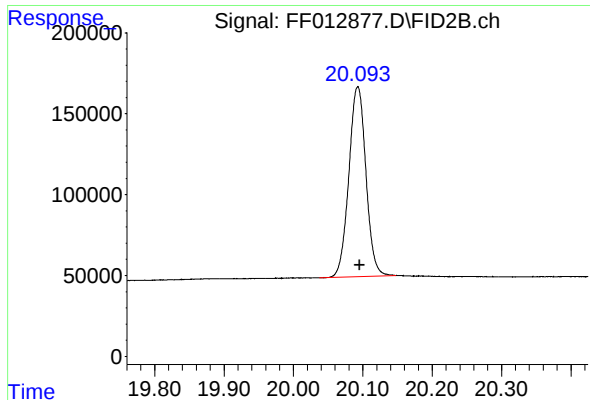
#19 n-Tetratriacontane (C34)

R.T.: 18.630 min
Delta R.T.: -0.001 min
Response: 2252663
Conc: 19.25 ug/ml



#20 n-Hexatriacontane (C36)

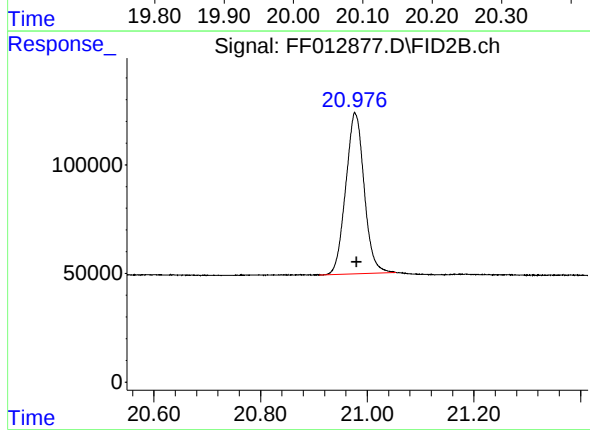
R.T.: 19.368 min
Delta R.T.: -0.002 min
Response: 2123801
Conc: 18.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.093 min
Delta R.T.: -0.003 min
Response: 2005579
Conc: 18.01 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 20.977 min
Delta R.T.: -0.003 min
Response: 1772290
Conc: 16.06 ug/ml