

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061223AL\
 Data File : FF012874.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2023 15:41
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 13 00:49:55 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)	10.884	3193182	19.935 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
12) S 1-chlorooctadecane (S...	12.316	2285903	19.341 ug/ml
Spiked Amount 50.000		Recovery =	38.68%
Target Compounds			
1) T n-Nonane (C9)	2.749	2580980	19.722 ug/ml
2) T n-Decane (C10)	3.758	2623843	19.640 ug/ml
3) T A~Naphthalene (C11.7)	5.323	2648343	18.797 ug/ml
4) T n-Dodecane (C12)	5.743	2647247	19.557 ug/ml
5) T A~2-methylnaphthalene...	6.371	2463651	18.563 ug/ml
6) T n-Tetradecane (C14)	7.530	2606414	19.481 ug/ml
7) T n-Hexadecane (C16)	9.126	2672432	19.304 ug/ml
8) T n-Octadecane (C18)	10.564	2775756	19.499 ug/ml
10) T n-Eicosane (C20)	11.870	2714984	19.742 ug/ml
11) T n-Heneicosane (C21)	12.482	2683485	19.843 ug/ml
13) T n-Docosane (C22)	13.067	2657474	19.852 ug/ml
14) T n-Tetracosane (C24)	14.167	2633641	20.030 ug/ml
15) T n-Hexacosane (C26)	15.186	2579122	20.285 ug/ml
16) T n-Octacosane (C28)	16.134	2509990	20.415 ug/ml
17) T n-Tricontane (C30)	17.020	2545119	20.616 ug/ml
18) T n-Dotriacontane (C32)	17.851	2503378	20.690 ug/ml
19) T n-Tetratriacontane (C34)	18.634	2443026	20.882 ug/ml
20) T n-Hexatriacontane (C36)	19.372	2329590	20.677 ug/ml
21) T n-Octatriacontane (C38)	20.099	2236166	20.076 ug/ml
22) T n-Tetracontane (C40)	20.987	2024707	18.349 ug/ml

(f)=RT Delta > 1/2 Window

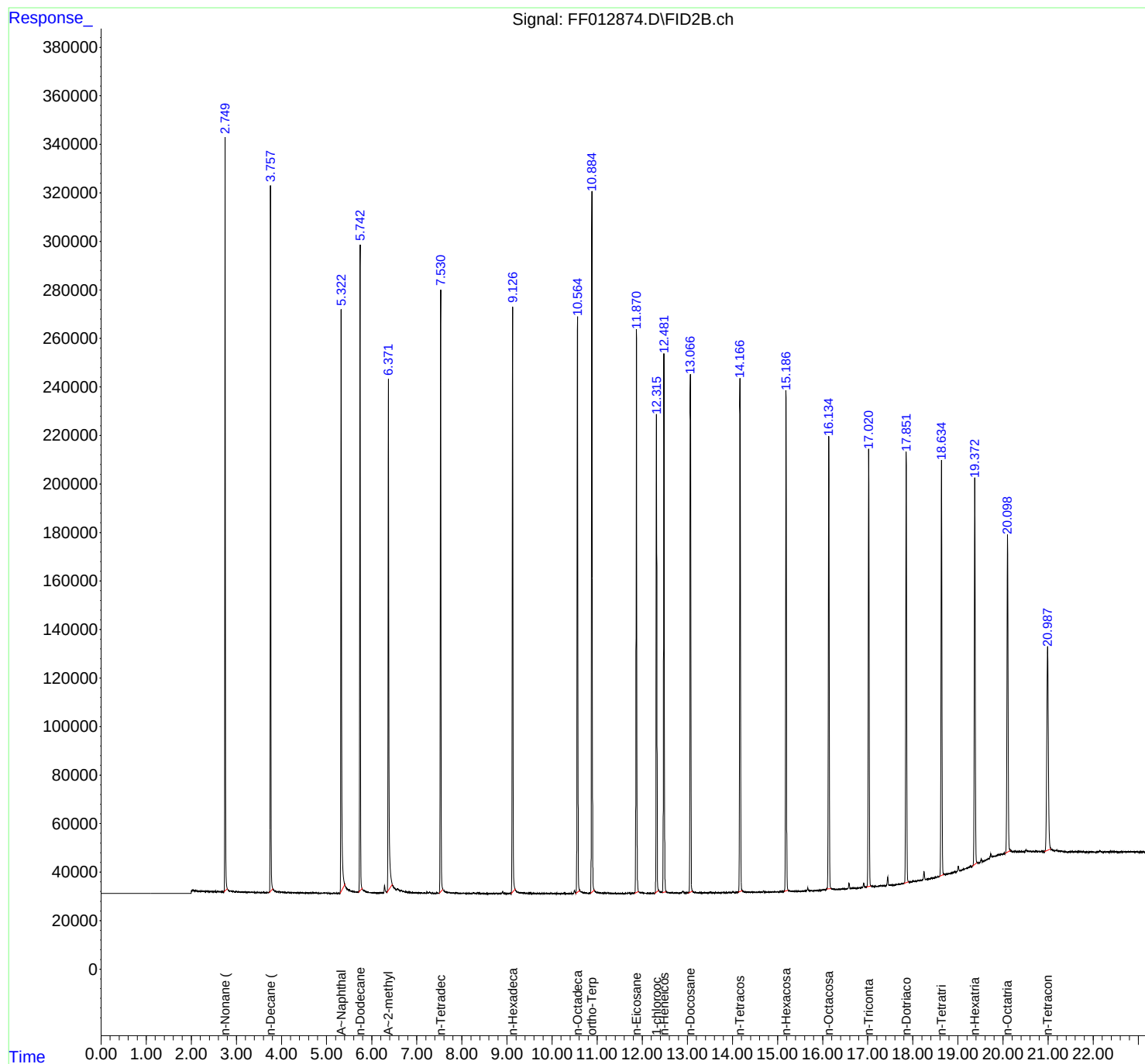
(m)=manual int.

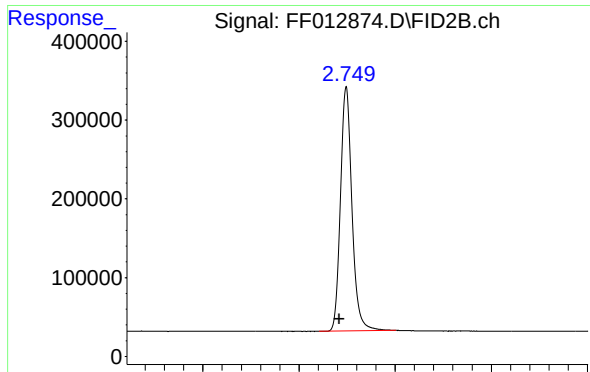
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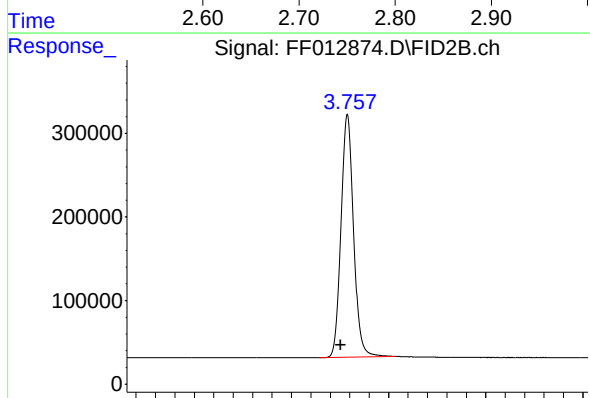




#1 n-Nonane (C9)

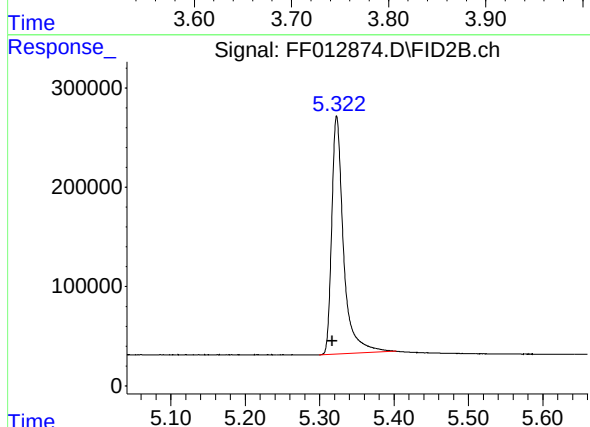
R.T.: 2.749 min
Delta R.T.: 0.007 min
Response: 2580980
Conc: 19.72 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



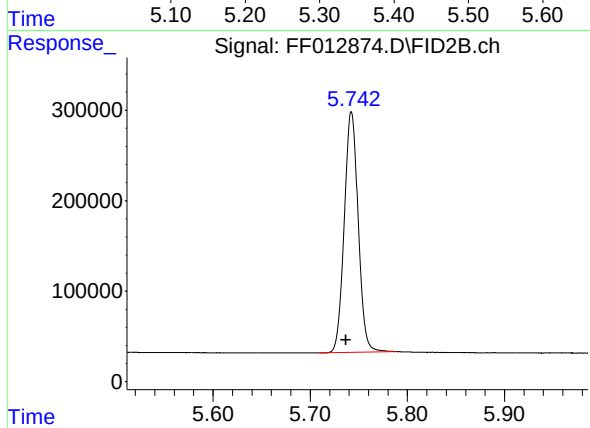
#2 n-Decane (C10)

R.T.: 3.758 min
Delta R.T.: 0.007 min
Response: 2623843
Conc: 19.64 ug/ml



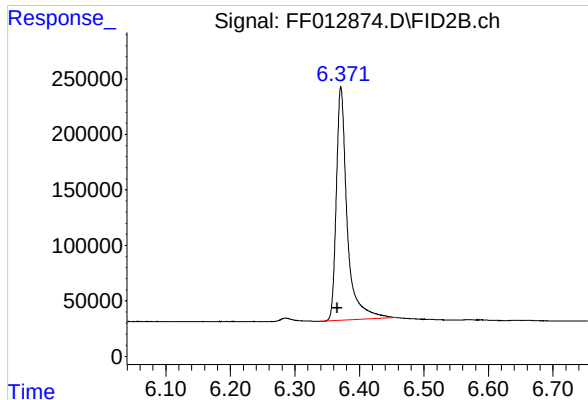
#3 A~Naphthalene (C11.7)

R.T.: 5.323 min
Delta R.T.: 0.006 min
Response: 2648343
Conc: 18.80 ug/ml



#4 n-Dodecane (C12)

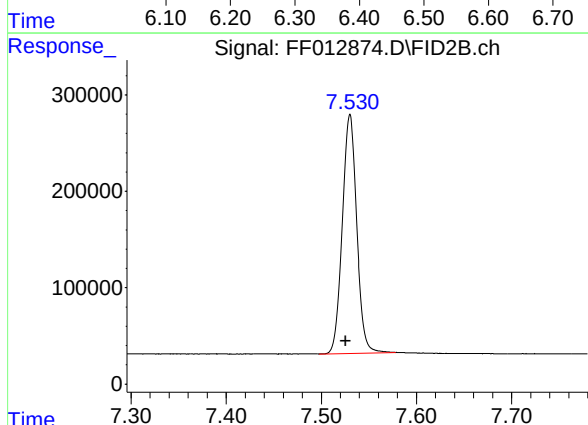
R.T.: 5.743 min
Delta R.T.: 0.006 min
Response: 2647247
Conc: 19.56 ug/ml



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

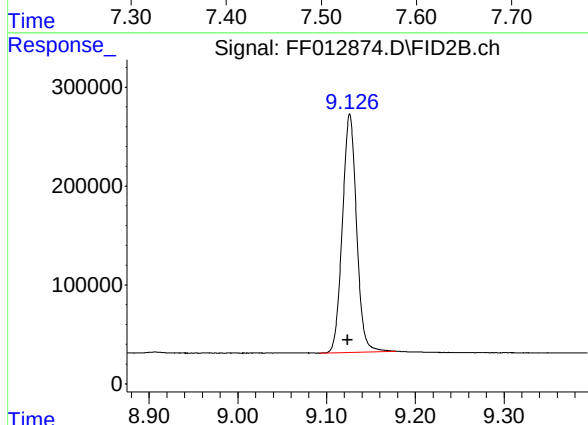
R.T.: 6.371 min
Delta R.T.: 0.005 min
Response: 2463651
Conc: 18.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



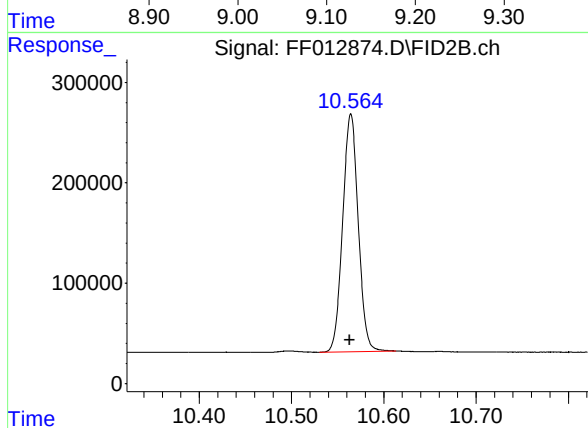
#6 n-Tetradecane (C14)

R.T.: 7.530 min
Delta R.T.: 0.004 min
Response: 2606414
Conc: 19.48 ug/ml



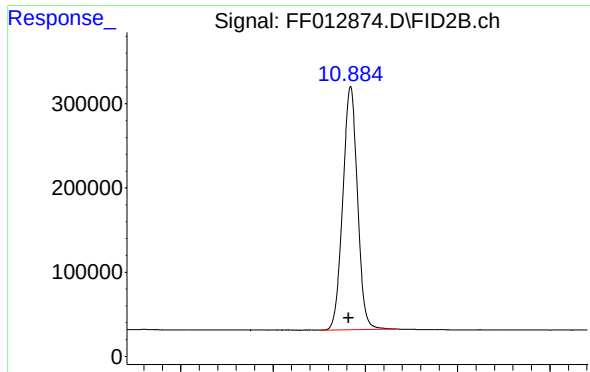
#7 n-Hexadecane (C16)

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 2672432
Conc: 19.30 ug/ml



#8 n-Octadecane (C18)

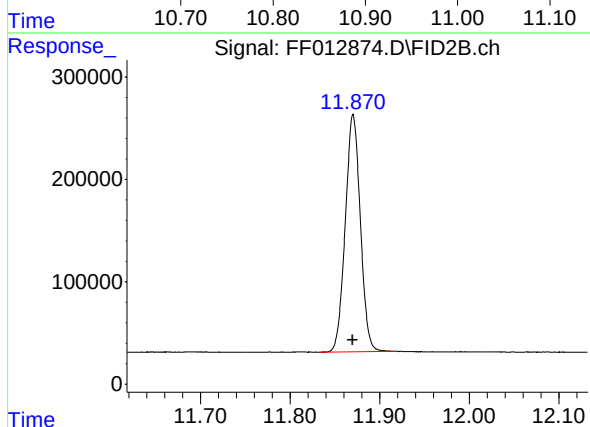
R.T.: 10.564 min
Delta R.T.: 0.001 min
Response: 2775756
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

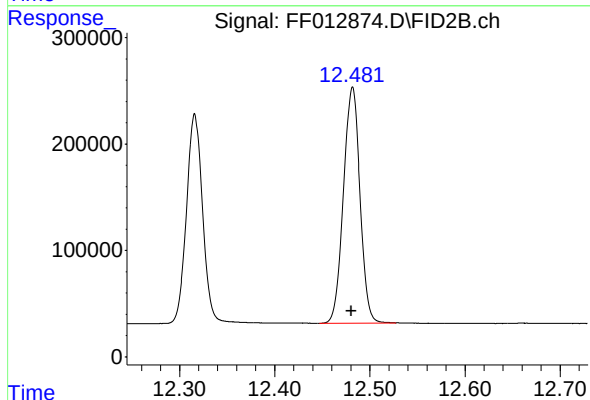
R.T.: 10.884 min
Delta R.T.: 0.002 min
Response: 3193182
Conc: 19.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



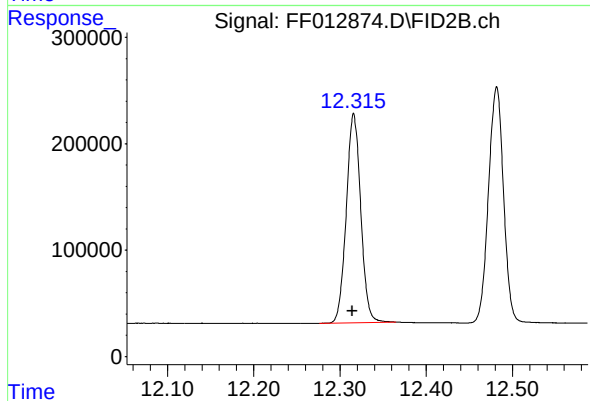
#10 n-Eicosane (C20)

R.T.: 11.870 min
Delta R.T.: 0.000 min
Response: 2714984
Conc: 19.74 ug/ml



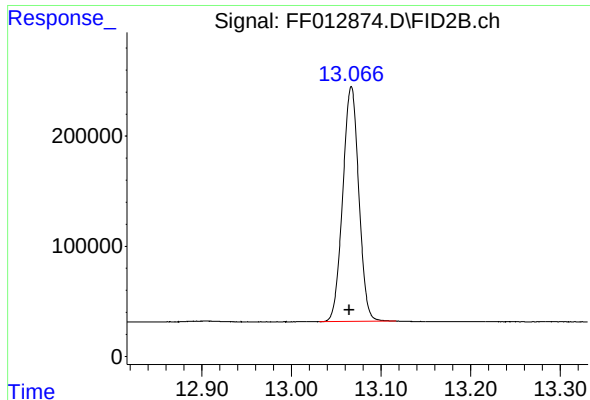
#11 n-Heneicosane (C21)

R.T.: 12.482 min
Delta R.T.: 0.001 min
Response: 2683485
Conc: 19.84 ug/ml



#12 1-chlorooctadecane (SURR)

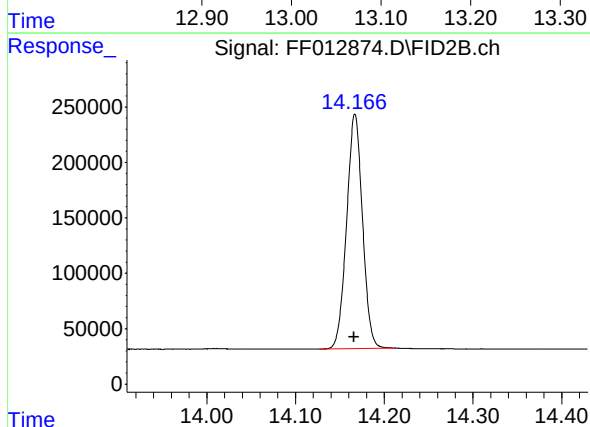
R.T.: 12.316 min
Delta R.T.: 0.001 min
Response: 2285903
Conc: 19.34 ug/ml



#13 n-Docosane (C22)

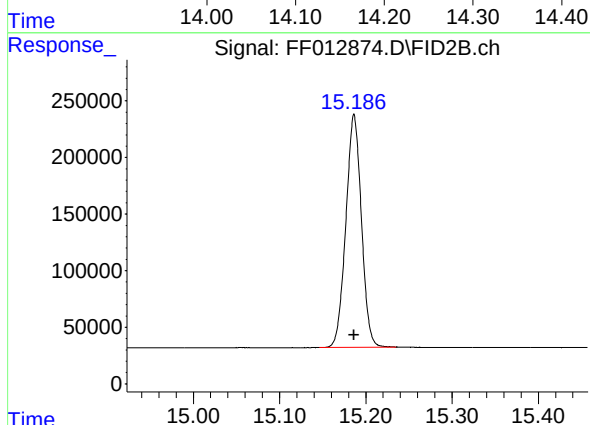
R.T.: 13.067 min
Delta R.T.: 0.002 min
Response: 2657474
Conc: 19.85 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



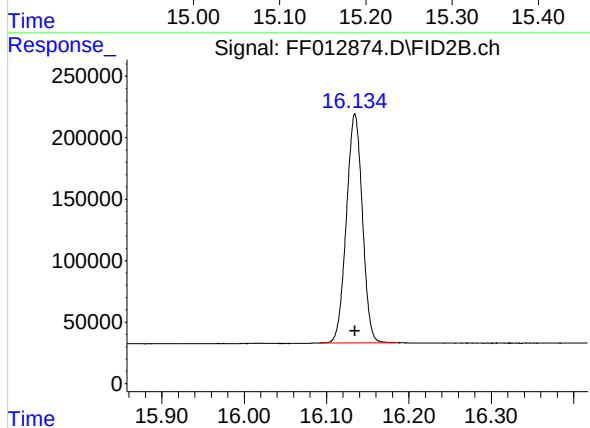
#14 n-Tetracosane (C24)

R.T.: 14.167 min
Delta R.T.: 0.001 min
Response: 2633641
Conc: 20.03 ug/ml



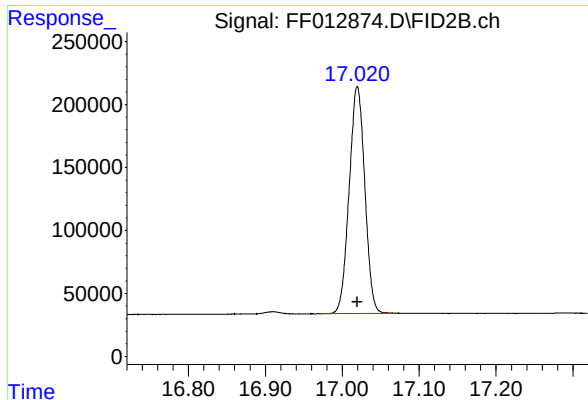
#15 n-Hexacosane (C26)

R.T.: 15.186 min
Delta R.T.: 0.000 min
Response: 2579122
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

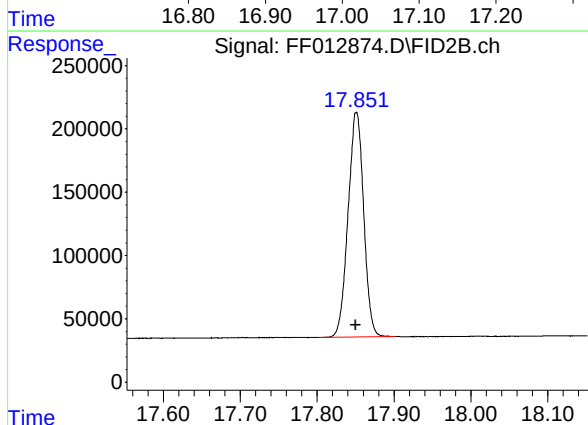
R.T.: 16.134 min
Delta R.T.: 0.000 min
Response: 2509990
Conc: 20.42 ug/ml



#17 n-Tricontane (C30)

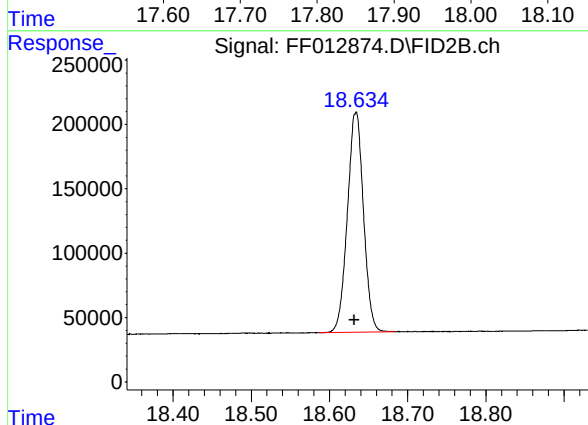
R.T.: 17.020 min
Delta R.T.: 0.000 min
Response: 2545119
Conc: 20.62 ug/ml

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20 PPM ALIPHATIC HC STD



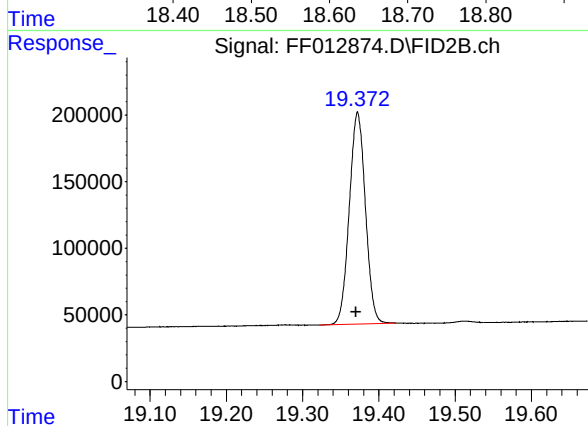
#18 n-Dotriacontane (C32)

R.T.: 17.851 min
Delta R.T.: 0.000 min
Response: 2503378
Conc: 20.69 ug/ml



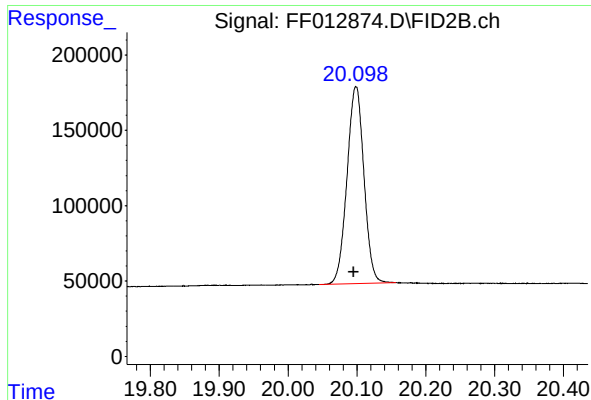
#19 n-Tetatriacontane (C34)

R.T.: 18.634 min
Delta R.T.: 0.002 min
Response: 2443026
Conc: 20.88 ug/ml



#20 n-Hexatriacontane (C36)

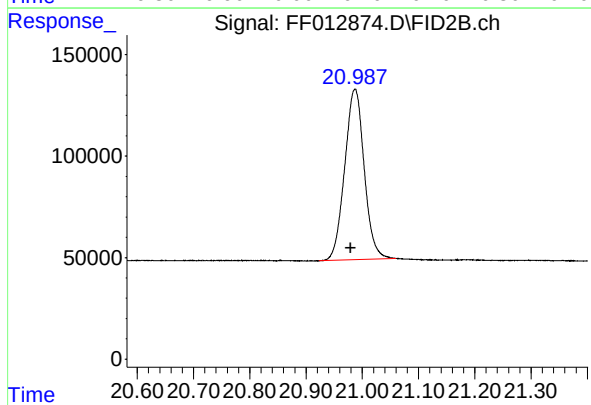
R.T.: 19.372 min
Delta R.T.: 0.002 min
Response: 2329590
Conc: 20.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.099 min
Delta R.T.: 0.003 min
Response: 2236166
Conc: 20.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.987 min
Delta R.T.: 0.007 min
Response: 2024707
Conc: 18.35 ug/ml