

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030725AL\
 Data File : FE052673.D
 Signal(s) : FID1B.ch
 Acq On : 07 Mar 2025 07:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 07 21:52:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 2025
 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)	11.917	3177515	18.848 ug/ml
Spiked Amount 50.000		Recovery =	37.70%
12) S 1-chlorooctadecane (S...	13.361	2383439	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
Target Compounds			
1) T n-Nonane (C9)	3.251	3017210	19.460 ug/ml
2) T n-Decane (C10)	4.514	3082990	19.625 ug/ml
3) T A~Naphthalene (C11.7)	6.229	3326310	19.614 ug/ml
4) T n-Dodecane (C12)	6.696	3043563	19.548 ug/ml
5) T A~2-methylnaphthalene...	7.332	3173358	19.582 ug/ml
6) T n-Tetradecane (C14)	8.534	2936871	19.410 ug/ml
7) T n-Hexadecane (C16)	10.150	2969059	19.420 ug/ml
8) T n-Octadecane (C18)	11.600	2949961	19.390 ug/ml
10) T n-Eicosane (C20)	12.915	2805391	19.324 ug/ml
11) T n-Heneicosane (C21)	13.530	2747731	19.305 ug/ml
13) T n-Docosane (C22)	14.119	2753883	19.351 ug/ml
14) T n-Tetracosane (C24)	15.226	2806656	19.612 ug/ml
15) T n-Hexacosane (C26)	16.251	2787467	19.603 ug/ml
16) T n-Octacosane (C28)	17.203	2813397	19.785 ug/ml
17) T n-Tricontane (C30)	18.094	2934511	19.868 ug/ml
18) T n-Dotriacontane (C32)	18.929	2912944	20.064 ug/ml
19) T n-Tetratriacontane (C34)	19.714	2590111	19.217 ug/ml
20) T n-Hexatriacontane (C36)	20.456	2307742	19.422 ug/ml
21) T n-Octatriacontane (C38)	21.200	2251130	20.292 ug/ml
22) T n-Tetracontane (C40)	22.124	2259863	20.902 ug/ml

(f)=RT Delta > 1/2 Window

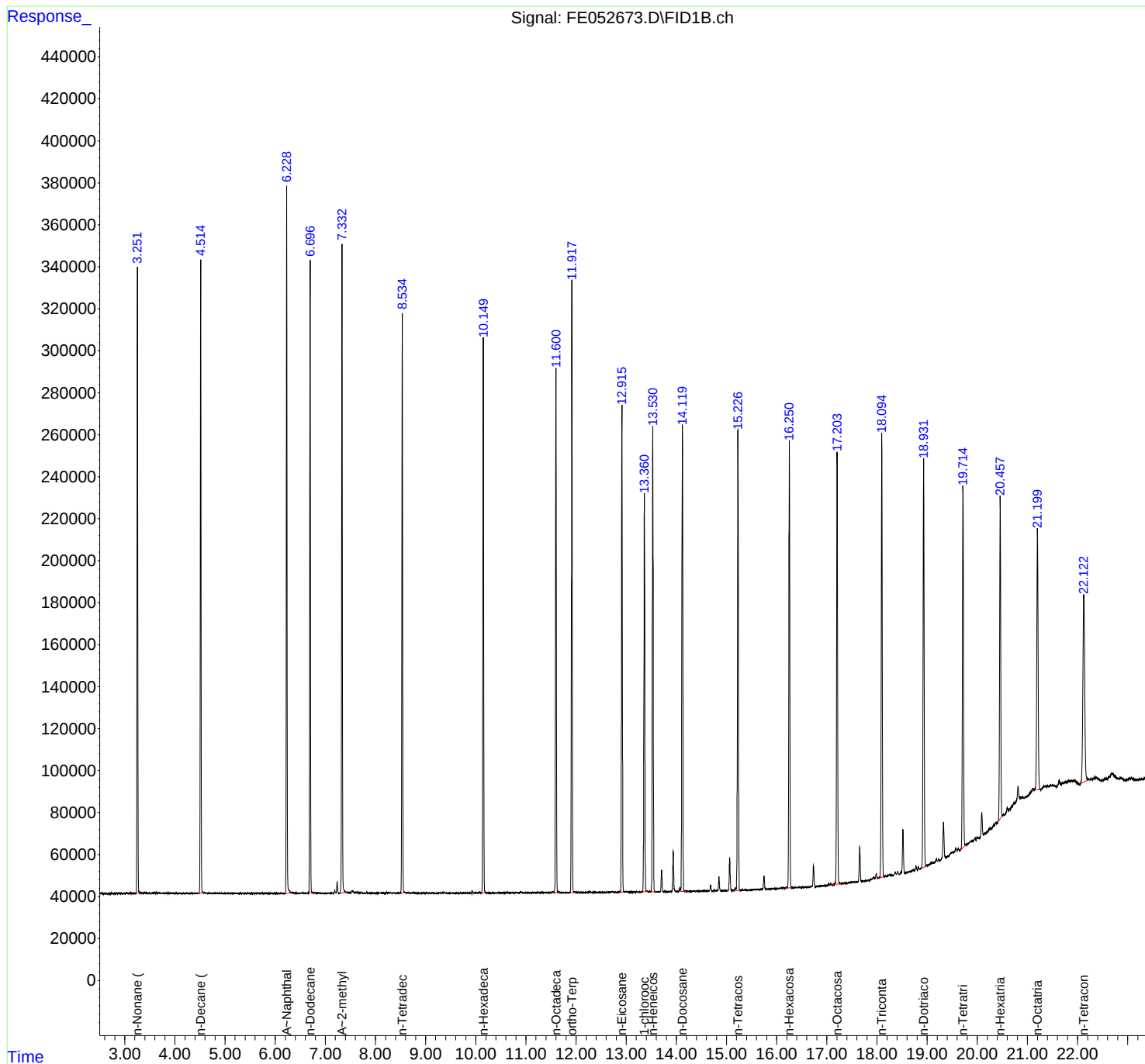
(m)=manual int.

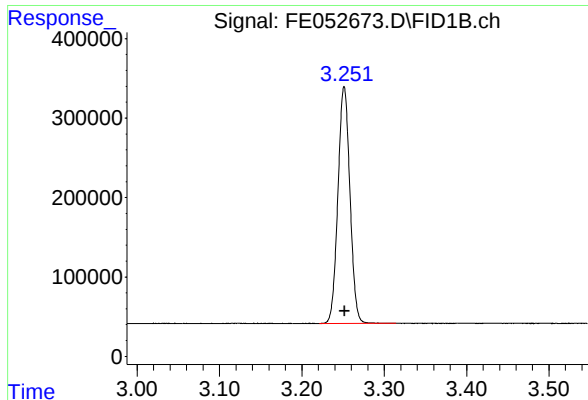
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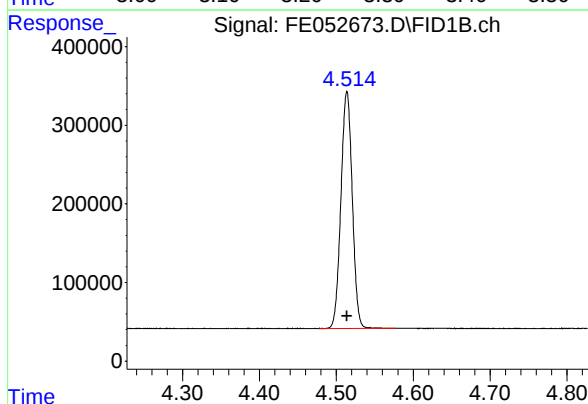




#1 n-Nonane (C9)

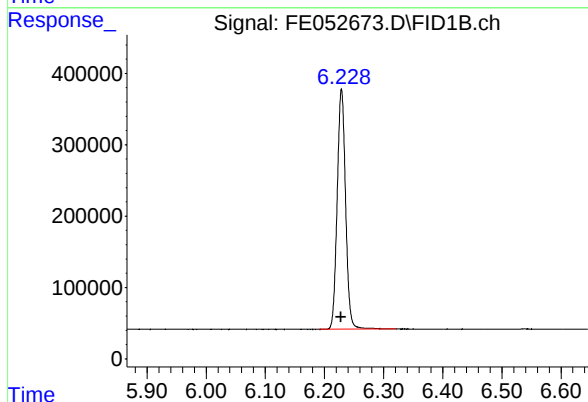
R.T.: 3.251 min
Delta R.T.: 0.000 min
Response: 3017210
Conc: 19.46 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



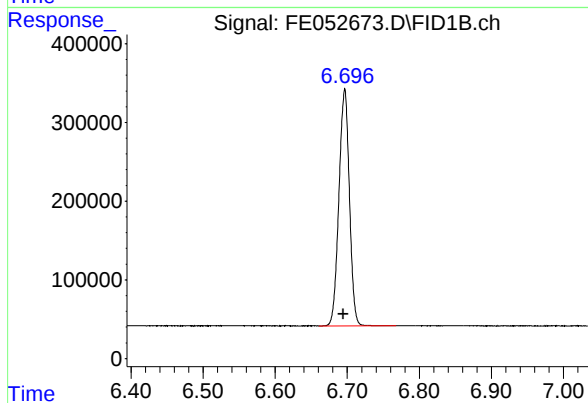
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 3082990
Conc: 19.62 ug/ml



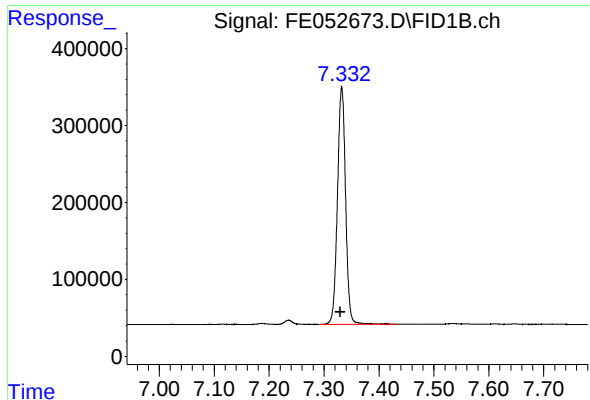
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.001 min
Response: 3326310
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

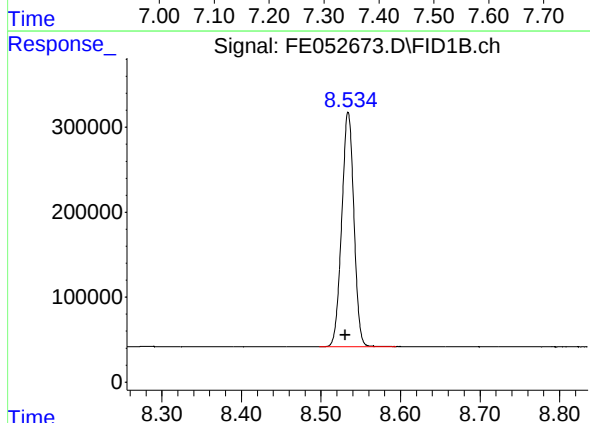
R.T.: 6.696 min
Delta R.T.: 0.002 min
Response: 3043563
Conc: 19.55 ug/ml



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

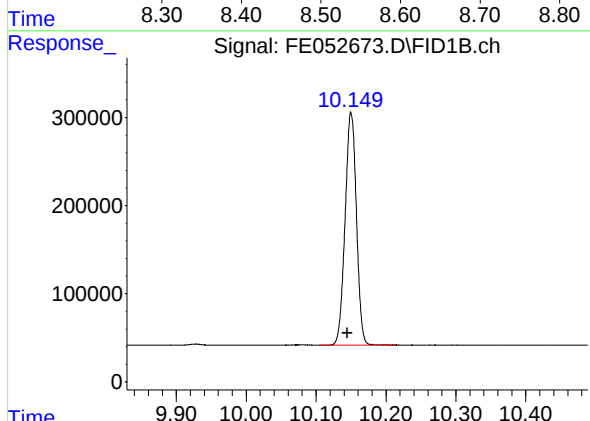
R.T.: 7.332 min
Delta R.T.: 0.003 min
Response: 3173358
Conc: 19.58 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



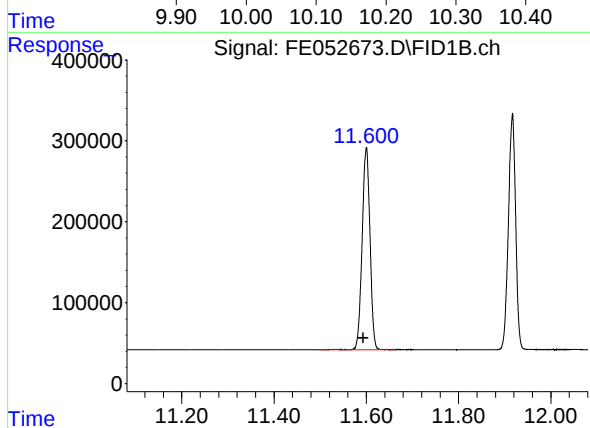
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 2936871
Conc: 19.41 ug/ml



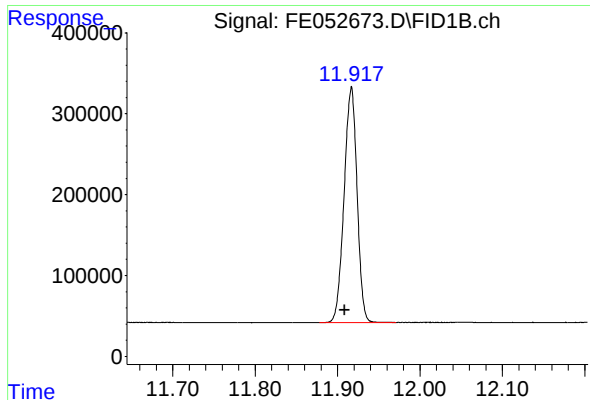
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: 0.006 min
Response: 2969059
Conc: 19.42 ug/ml



#8 n-Octadecane (C18)

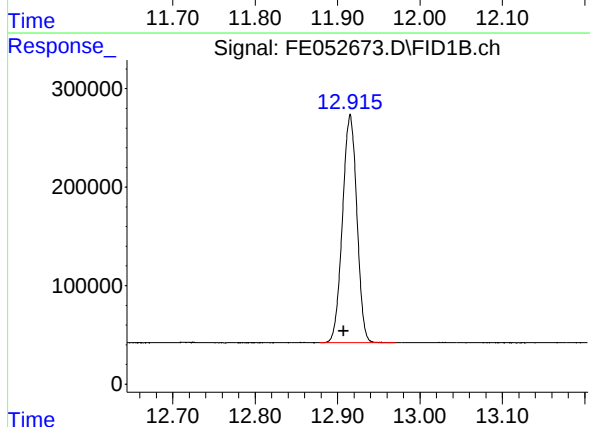
R.T.: 11.600 min
Delta R.T.: 0.007 min
Response: 2949961
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

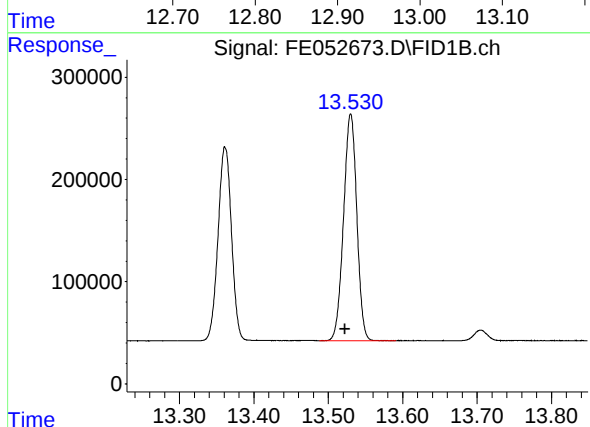
R.T.: 11.917 min
Delta R.T.: 0.008 min
Response: 3177515
Conc: 18.85 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



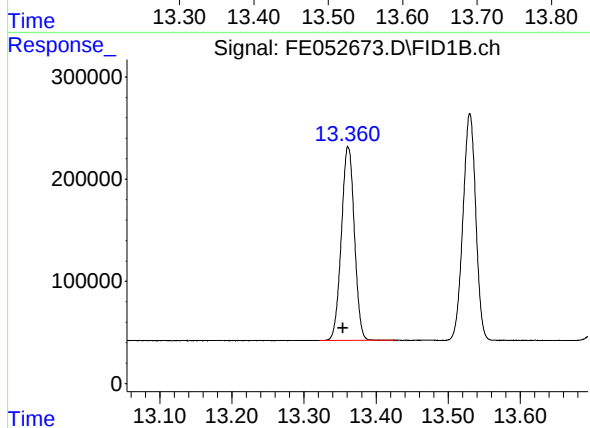
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: 0.008 min
Response: 2805391
Conc: 19.32 ug/ml



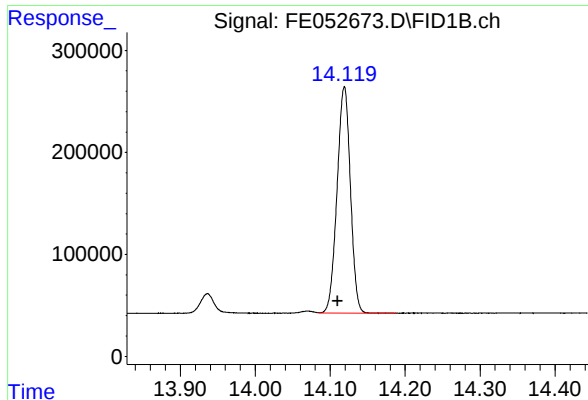
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: 0.008 min
Response: 2747731
Conc: 19.31 ug/ml



#12 1-chlorooctadecane (SURR)

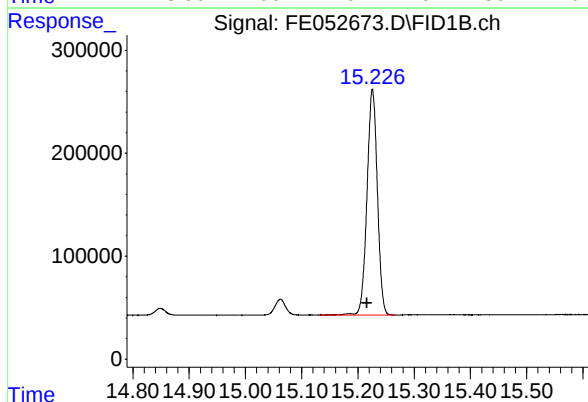
R.T.: 13.361 min
Delta R.T.: 0.007 min
Response: 2383439
Conc: 19.63 ug/ml



#13 n-Docosane (C22)

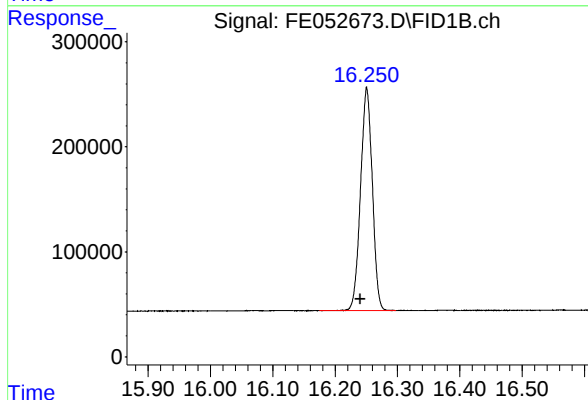
R.T.: 14.119 min
Delta R.T.: 0.009 min
Response: 2753883
Conc: 19.35 ug/ml

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20 PPM ALIPHATIC HC STD



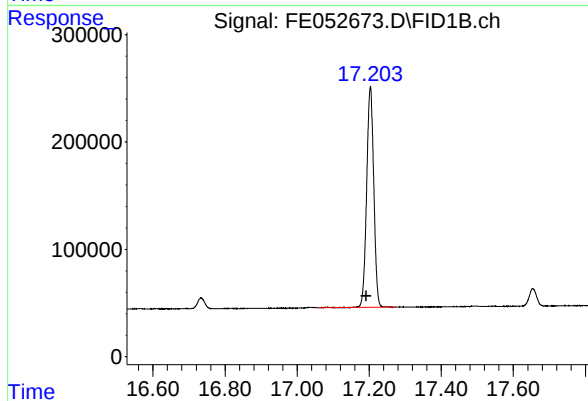
#14 n-Tetracosane (C24)

R.T.: 15.226 min
Delta R.T.: 0.010 min
Response: 2806656
Conc: 19.61 ug/ml



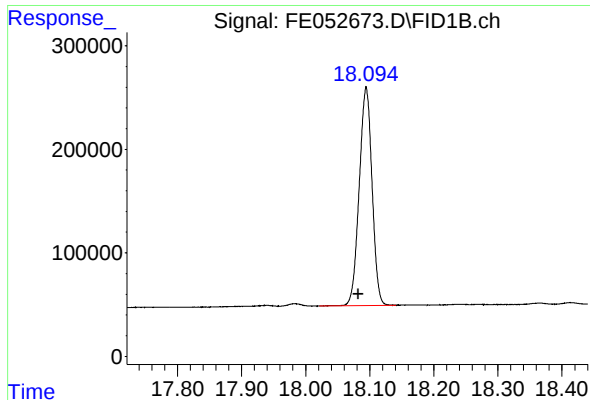
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: 0.010 min
Response: 2787467
Conc: 19.60 ug/ml



#16 n-Octacosane (C28)

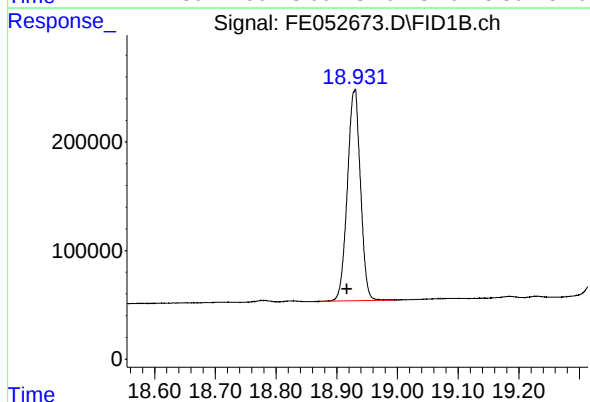
R.T.: 17.203 min
Delta R.T.: 0.011 min
Response: 2813397
Conc: 19.79 ug/ml



#17 n-Tricontane (C30)

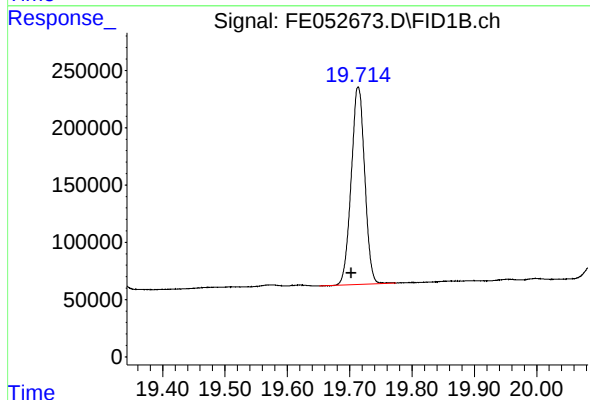
R.T.: 18.094 min
Delta R.T.: 0.012 min
Response: 2934511
Conc: 19.87 ug/ml

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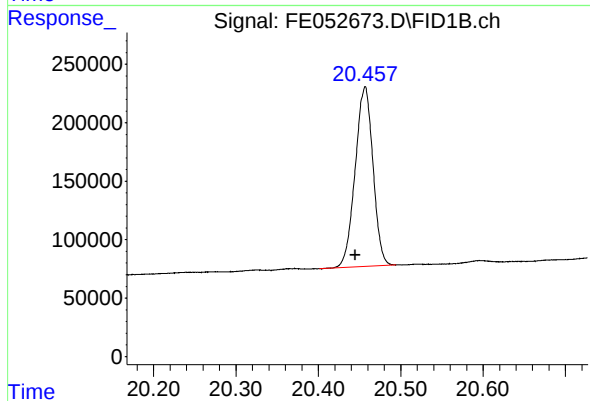
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: 0.012 min
Response: 2912944
Conc: 20.06 ug/ml



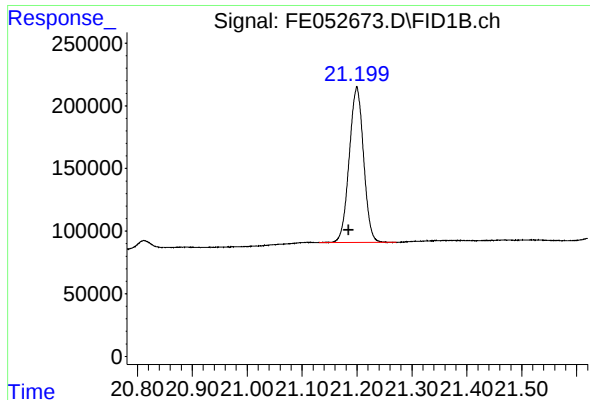
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min
Delta R.T.: 0.011 min
Response: 2590111
Conc: 19.22 ug/ml



#20 n-Hexatriacontane (C36)

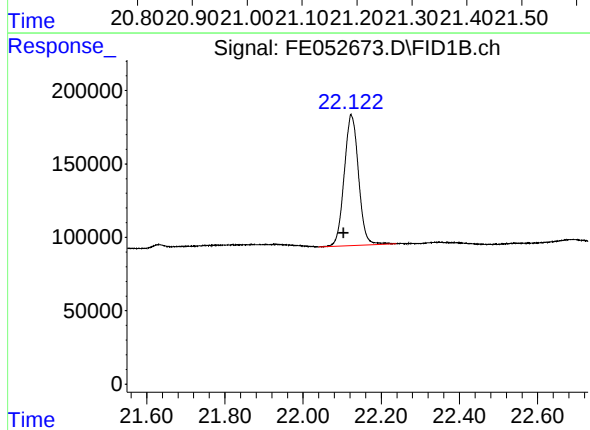
R.T.: 20.456 min
Delta R.T.: 0.012 min
Response: 2307742
Conc: 19.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.015 min
Response: 2251130
Conc: 20.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: 0.019 min
Response: 2259863
Conc: 20.90 ug/ml