

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF051225AL\
 Data File : FF015825.D
 Signal(s) : FID2B.ch
 Acq On : 12 May 2025 16:51
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 12 17:42:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 16:21:36 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)	11.936	3066057	21.544 ug/ml
Spiked Amount 50.000		Recovery =	43.09%
12) S 1-chlorooctadecane (S...	13.368	2317651	21.355 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T n-Nonane (C9)	3.309	2282908	21.542 ug/ml
2) T n-Decane (C10)	4.565	2263547	21.311 ug/ml
3) T A~Naphthalene (C11.7)	6.285	2298928	24.142 ug/ml
4) T n-Dodecane (C12)	6.732	2391010	21.687 ug/ml
5) T A~2-methylnaphthalene...	7.388	1933683	21.940 ug/ml
6) T n-Tetradecane (C14)	8.559	2374577	21.596 ug/ml
7) T n-Hexadecane (C16)	10.166	2370308	21.735 ug/ml
8) T n-Octadecane (C18)	11.609	2439690	21.635 ug/ml
10) T n-Eicosane (C20)	12.920	2480990	21.373 ug/ml
11) T n-Heneicosane (C21)	13.531	2503570	21.362 ug/ml
13) T n-Docosane (C22)	14.119	2493256	21.350 ug/ml
14) T n-Tetracosane (C24)	15.223	2494564	21.243 ug/ml
15) T n-Hexacosane (C26)	16.245	2490091	21.190 ug/ml
16) T n-Octacosane (C28)	17.195	2472792	21.129 ug/ml
17) T n-Tricontane (C30)	18.083	2516099	20.966 ug/ml
18) T n-Dotriacontane (C32)	18.916	2514715	20.380 ug/ml
19) T n-Tetratriacontane (C34)	19.699	2384949	20.895 ug/ml
20) T n-Hexatriacontane (C36)	20.439	2335895	21.520 ug/ml
21) T n-Octatriacontane (C38)	21.174	2155614	21.159 ug/ml
22) T n-Tetracontane (C40)	22.085	1974608	19.629 ug/ml

(f)=RT Delta > 1/2 Window

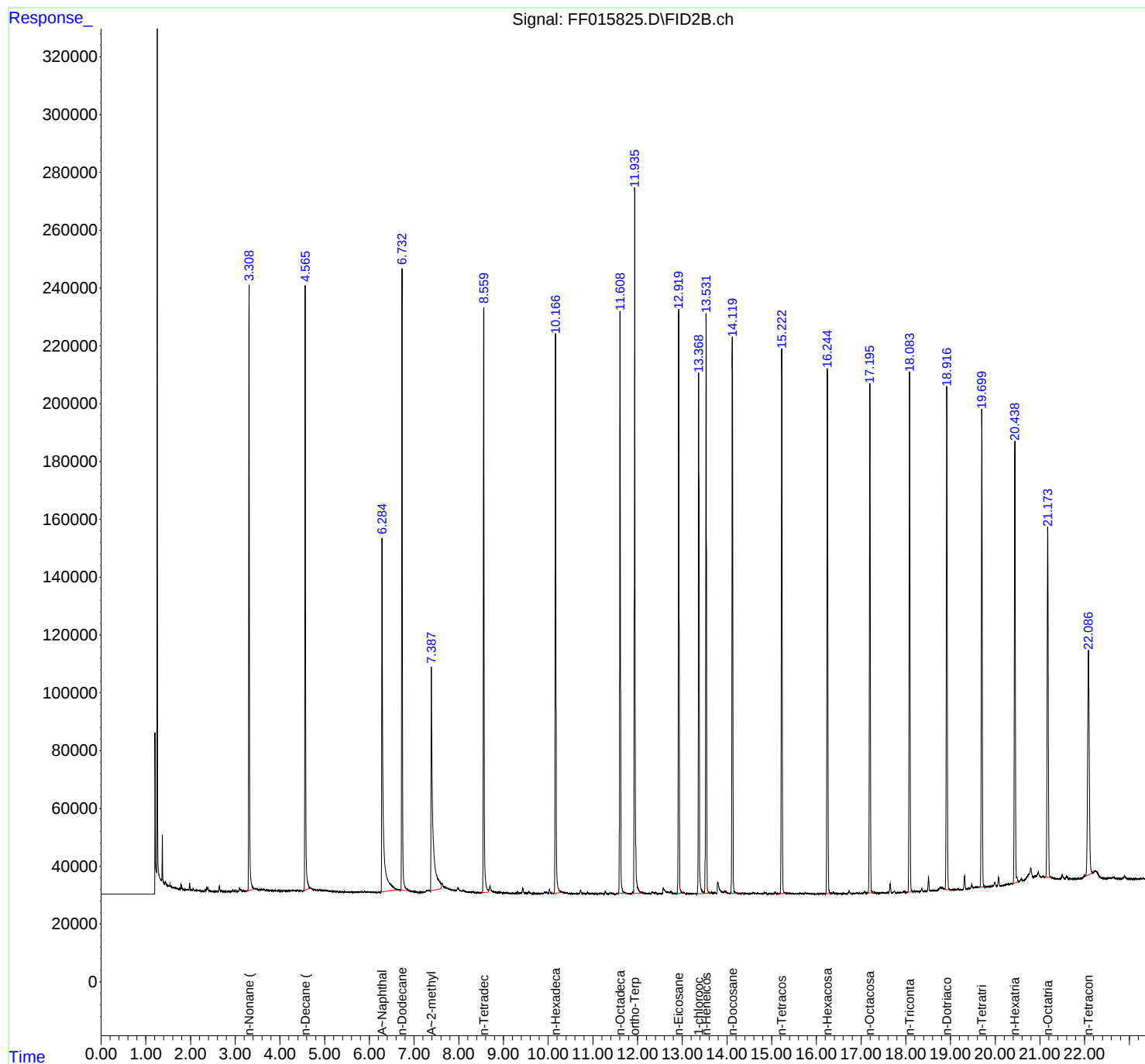
(m)=manual int.

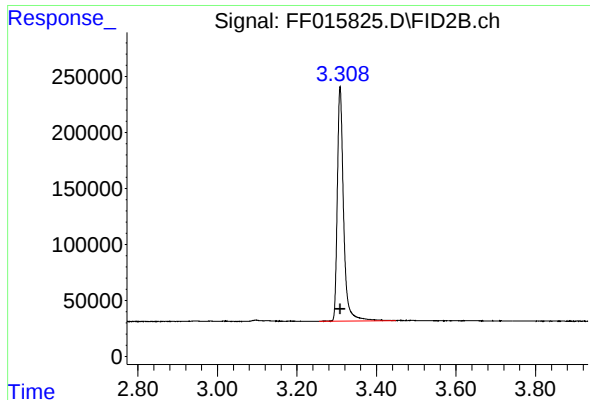
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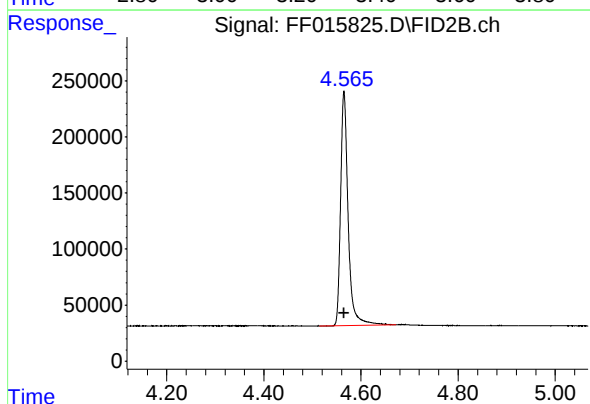




#1 n-Nonane (C9)

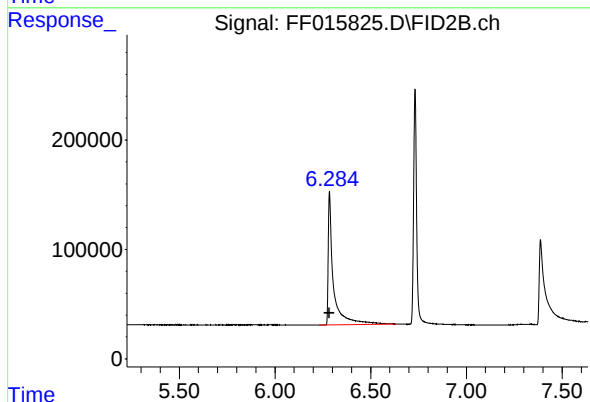
R.T.: 3.309 min
Delta R.T.: 0.000 min
Response: 2282908
Conc: 21.54 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



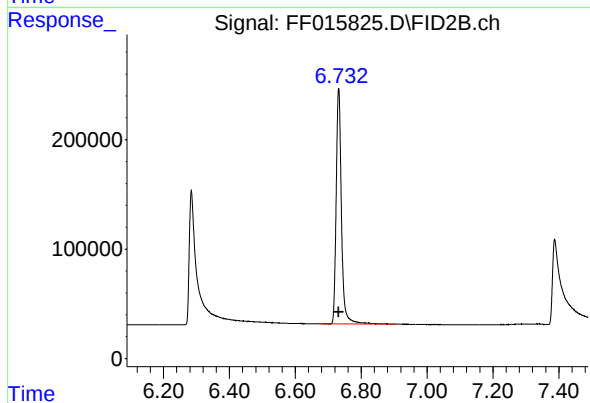
#2 n-Decane (C10)

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 2263547
Conc: 21.31 ug/ml



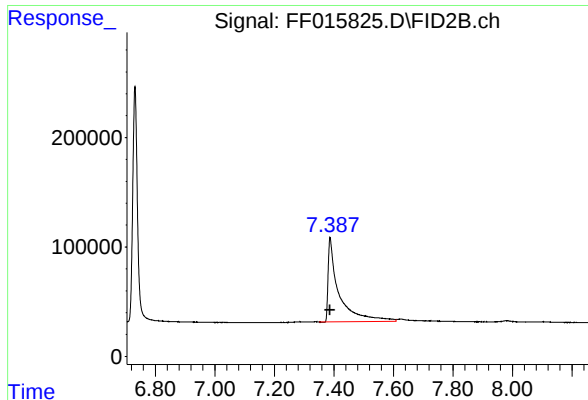
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min
Delta R.T.: 0.001 min
Response: 2298928
Conc: 24.14 ug/ml



#4 n-Dodecane (C12)

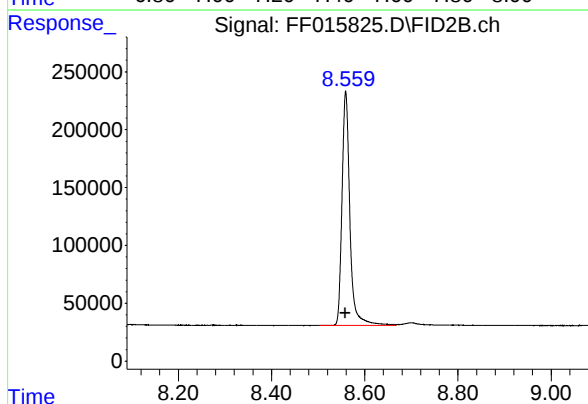
R.T.: 6.732 min
Delta R.T.: 0.000 min
Response: 2391010
Conc: 21.69 ug/ml



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

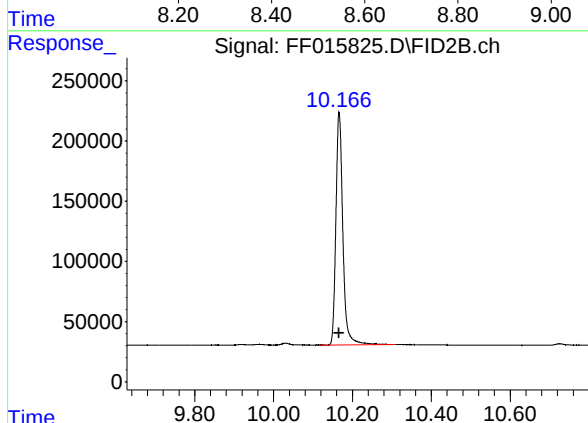
R.T.: 7.388 min
Delta R.T.: 0.002 min
Response: 1933683
Conc: 21.94 ug/ml

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20 PPM ALIPHATIC HC STD



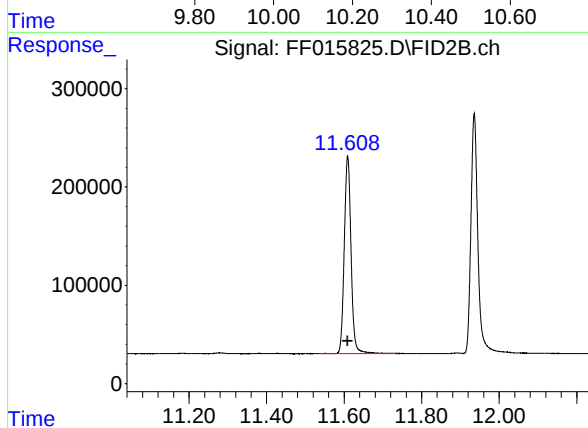
#6 n-Tetradecane (C14)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 2374577
Conc: 21.60 ug/ml



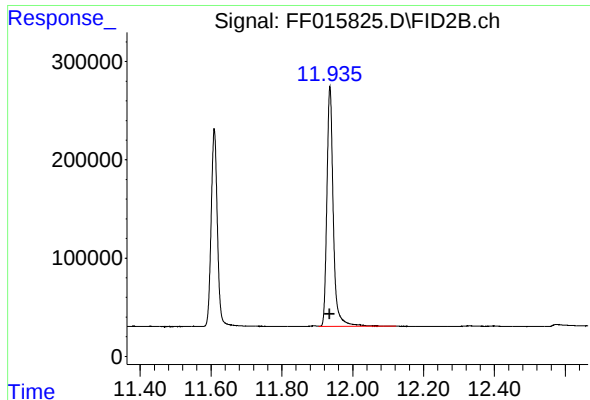
#7 n-Hexadecane (C16)

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 2370308
Conc: 21.73 ug/ml



#8 n-Octadecane (C18)

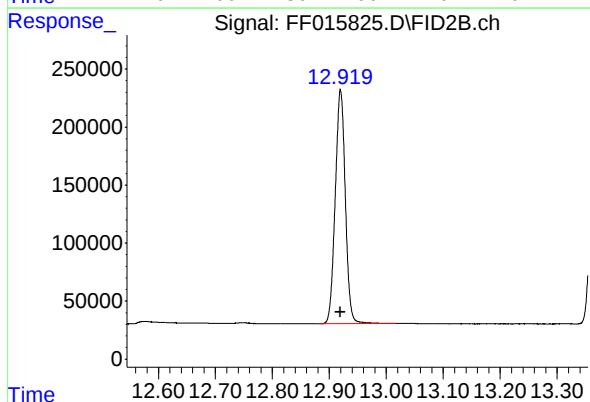
R.T.: 11.609 min
Delta R.T.: 0.000 min
Response: 2439690
Conc: 21.63 ug/ml



#9 ortho-Terphenyl (SURR)

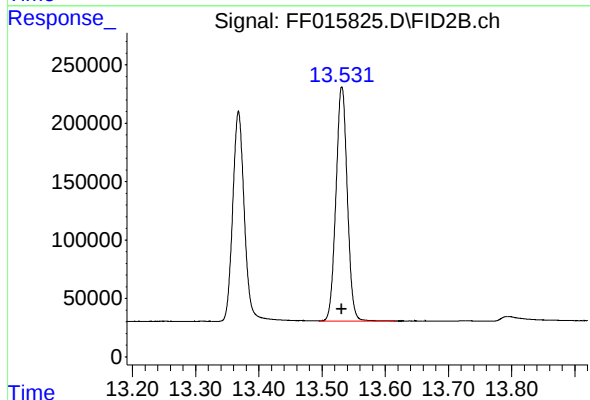
R.T.: 11.936 min
Delta R.T.: 0.000 min
Response: 3066057
Conc: 21.54 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



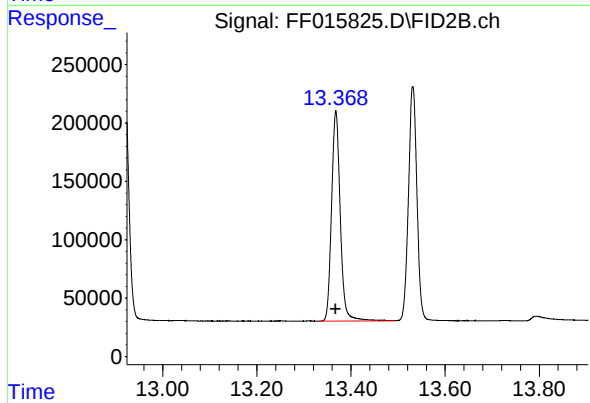
#10 n-Eicosane (C20)

R.T.: 12.920 min
Delta R.T.: 0.000 min
Response: 2480990
Conc: 21.37 ug/ml



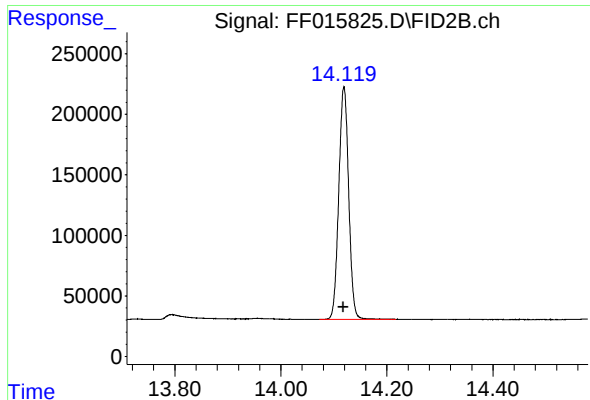
#11 n-Heneicosane (C21)

R.T.: 13.531 min
Delta R.T.: 0.000 min
Response: 2503570
Conc: 21.36 ug/ml



#12 1-chlorooctadecane (SURR)

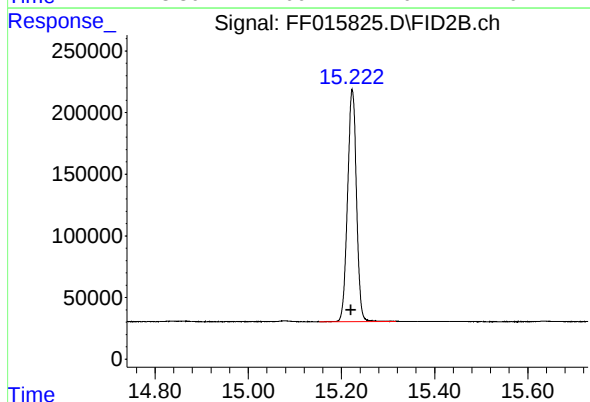
R.T.: 13.368 min
Delta R.T.: 0.000 min
Response: 2317651
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

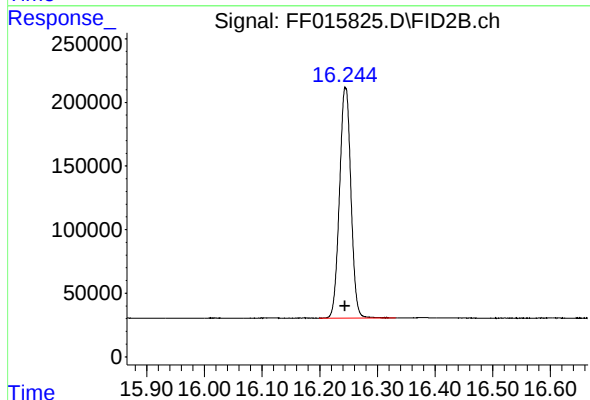
R.T.: 14.119 min
Delta R.T.: 0.000 min
Response: 2493256
Conc: 21.35 ug/ml

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20 PPM ALIPHATIC HC STD



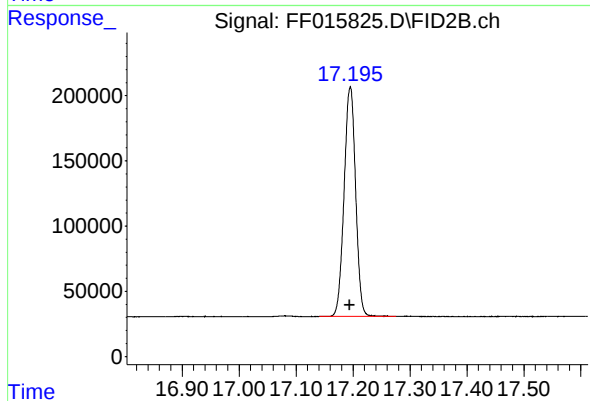
#14 n-Tetracosane (C24)

R.T.: 15.223 min
Delta R.T.: 0.002 min
Response: 2494564
Conc: 21.24 ug/ml



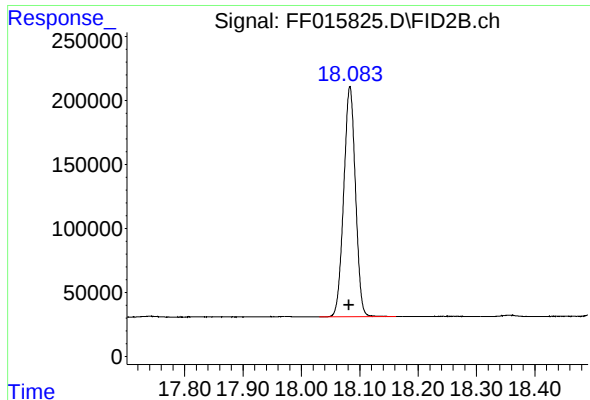
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.001 min
Response: 2490091
Conc: 21.19 ug/ml



#16 n-Octacosane (C28)

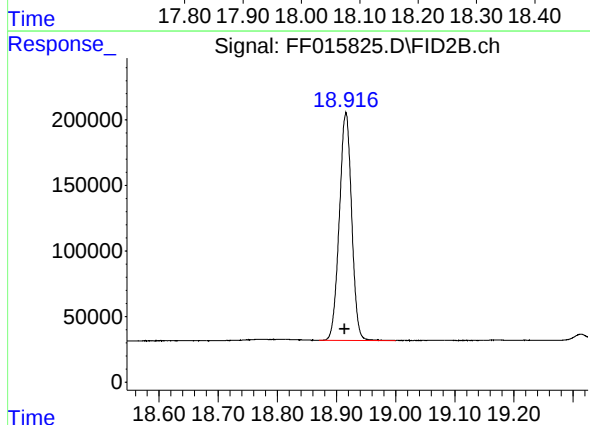
R.T.: 17.195 min
Delta R.T.: 0.000 min
Response: 2472792
Conc: 21.13 ug/ml



#17 n-Tricontane (C30)

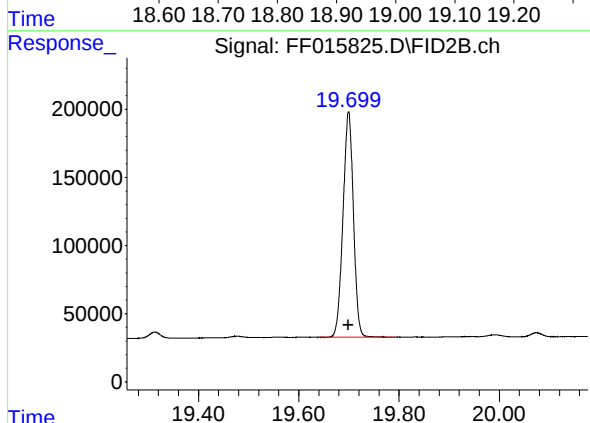
R.T.: 18.083 min
Delta R.T.: 0.002 min
Response: 2516099
Conc: 20.97 ug/ml

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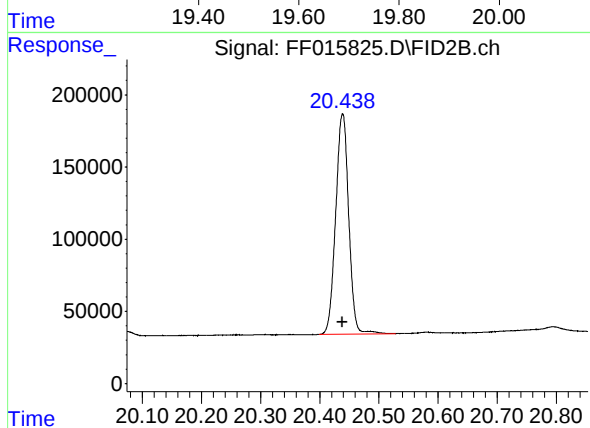
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: 0.002 min
Response: 2514715
Conc: 20.38 ug/ml



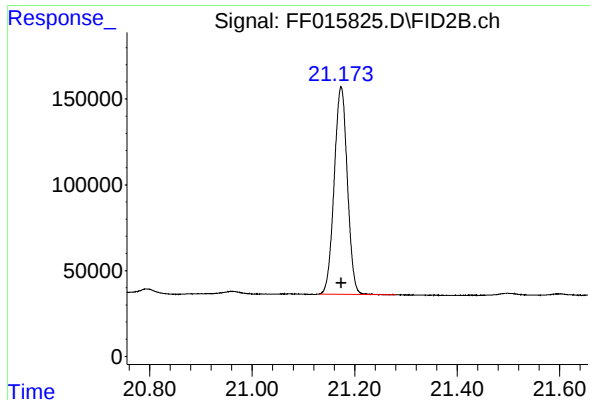
#19 n-Tetatriacontane (C34)

R.T.: 19.699 min
Delta R.T.: 0.000 min
Response: 2384949
Conc: 20.90 ug/ml



#20 n-Hexatriacontane (C36)

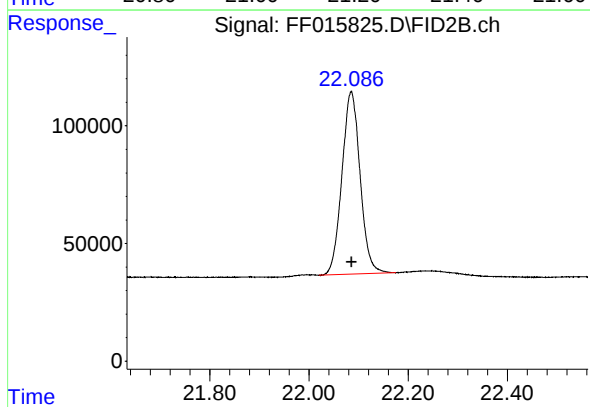
R.T.: 20.439 min
Delta R.T.: 0.000 min
Response: 2335895
Conc: 21.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.174 min
Delta R.T.: 0.000 min
Response: 2155614
Conc: 21.16 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.085 min
Delta R.T.: 0.000 min
Response: 1974608
Conc: 19.63 ug/ml