

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102522AL\
 Data File : FD044229.D
 Signal(s) : FID2B.ch
 Acq On : 25 Oct 2022 08:41
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/26/2022
 Supervised By :Ankita Jodhani 10/27/2022

Integration File: autoint1.e
 Quant Time: Oct 26 03:53:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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)	11.299	3208835	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
12) S 1-chlorooctadecane (S...	12.715	2514970	19.997 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
Target Compounds			
1) T n-Nonane (C9)	3.136	2733858	20.247 ug/ml
2) T n-Decane (C10)	4.184	2793739	20.794 ug/ml
3) T A~Naphthalene (C11.7)	5.754	2850989	21.338 ug/mlm
4) T n-Dodecane (C12)	6.179	2853066	20.532 ug/ml
5) T A~2-methylnaphthalene...	6.800	2747772	21.132 ug/mlm
6) T n-Tetradecane (C14)	7.959	2902388	20.847 ug/ml
7) T n-Hexadecane (C16)	9.547	2957207	20.965 ug/ml
8) T n-Octadecane (C18)	10.977	3005115	20.667 ug/ml
10) T n-Eicosane (C20)	12.274	3008240	20.287 ug/ml
11) T n-Heneicosane (C21)	12.881	3004939	20.029 ug/ml
13) T n-Docosane (C22)	13.462	3043533	20.243 ug/ml
14) T n-Tetracosane (C24)	14.555	2986744	19.788 ug/ml
15) T n-Hexacosane (C26)	15.564	2877158	19.002 ug/ml
16) T n-Octacosane (C28)	16.505	2770706	18.391 ug/ml
17) T n-Tricontane (C30)	17.381	2769525	18.069 ug/ml
18) T n-Dotriacontane (C32)	18.205	2713635	17.695 ug/ml
19) T n-Tetratriacontane (C34)	18.979	2534255	17.214 ug/ml
20) T n-Hexatriacontane (C36)	19.710	2496925	17.030 ug/ml
21) T n-Octatriacontane (C38)	20.402	2432981	17.440 ug/ml
22) T n-Tetracontane (C40)	21.161	2394407	18.410 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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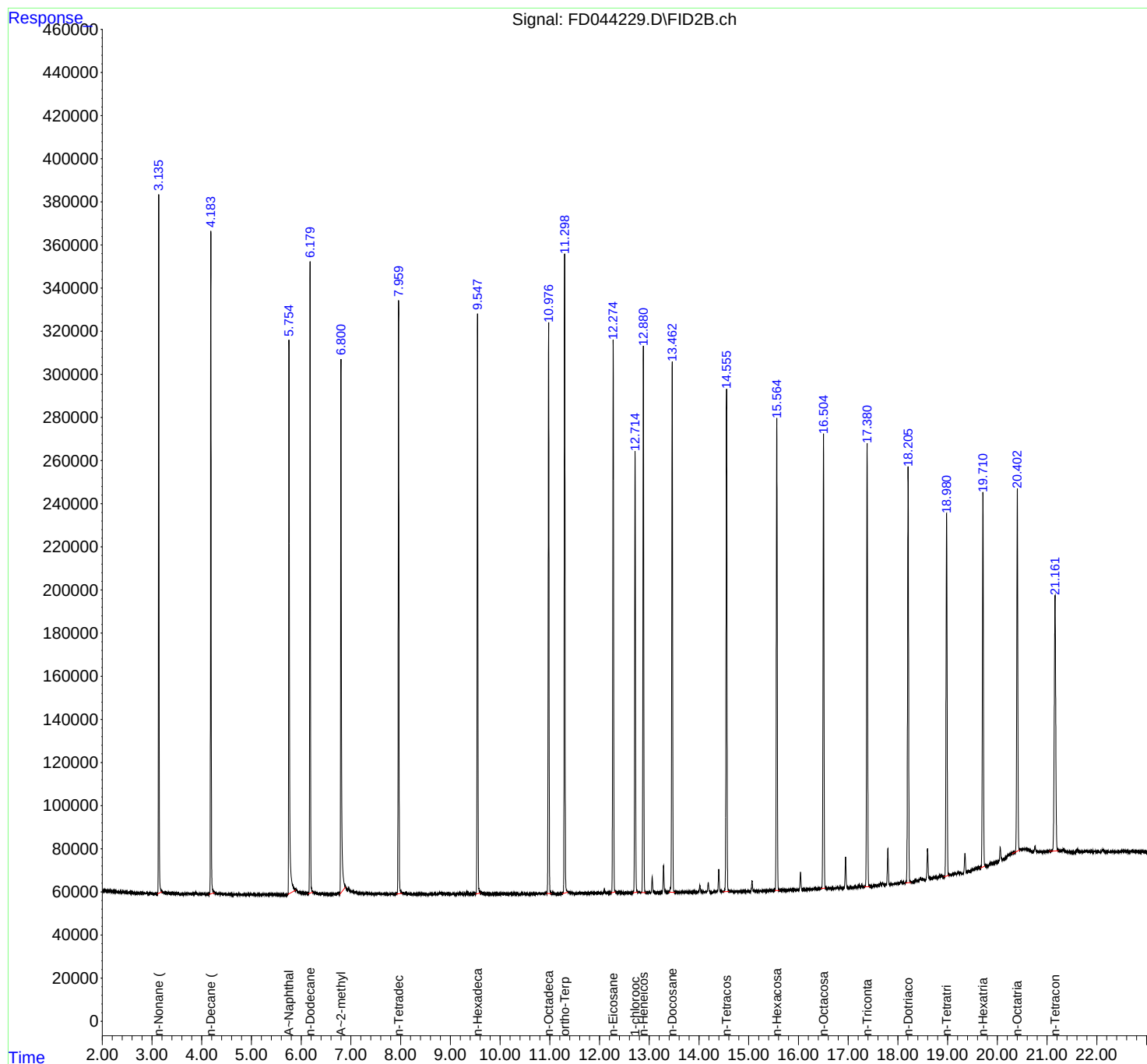
Instrument :
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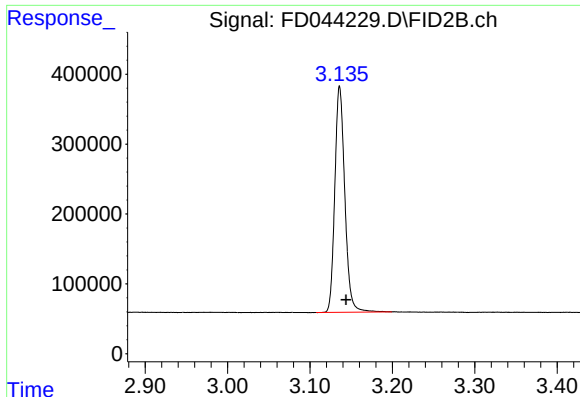
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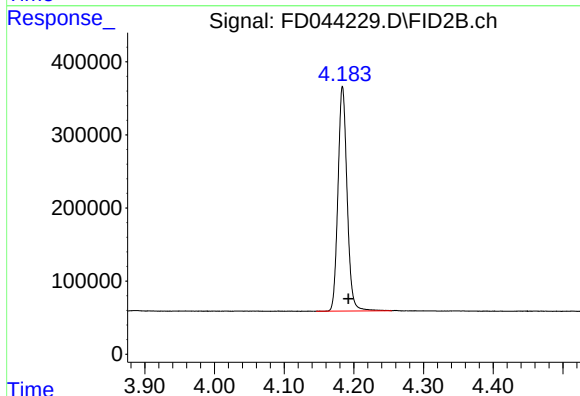
#1 n-Nonane (C9)

R.T.: 3.136 min
Delta R.T.: -0.008 min
Response: 2733858
Conc: 20.25 ug/ml

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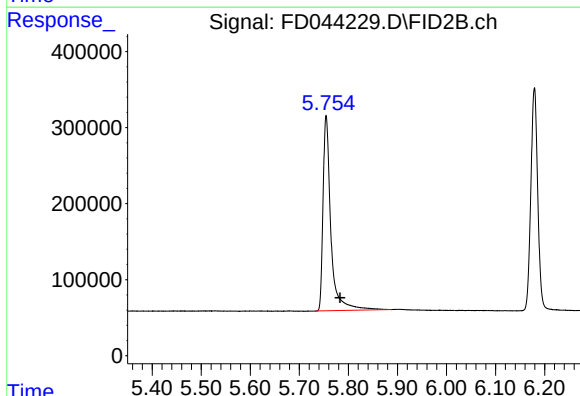
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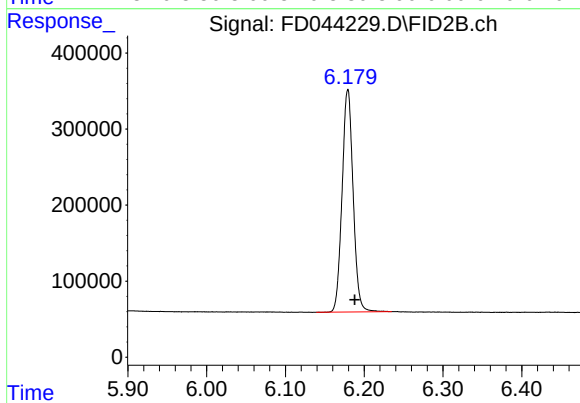
#2 n-Decane (C10)

R.T.: 4.184 min
Delta R.T.: -0.008 min
Response: 2793739
Conc: 20.79 ug/ml



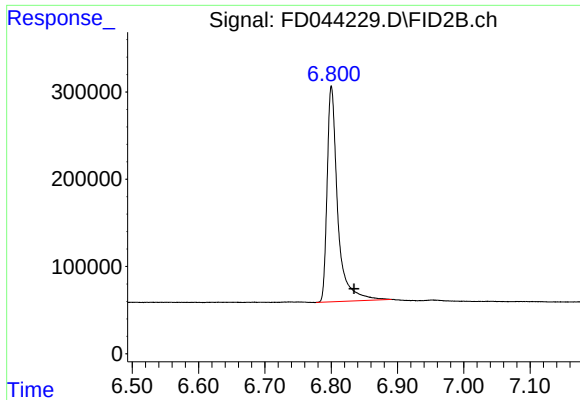
#3 A~Naphthalene (C11.7)

R.T.: 5.754 min
Delta R.T.: -0.029 min
Response: 2850989
Conc: 21.34 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.179 min
Delta R.T.: -0.008 min
Response: 2853066
Conc: 20.53 ug/ml



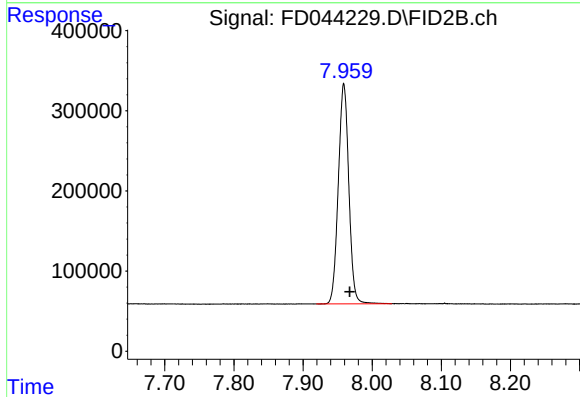
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.035 min
Response: 2747772
Conc: 21.13 ug/ml

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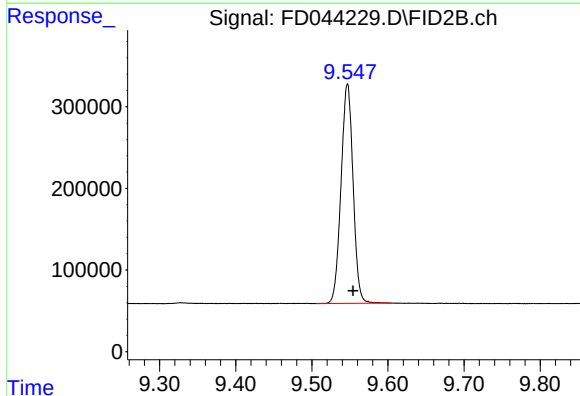
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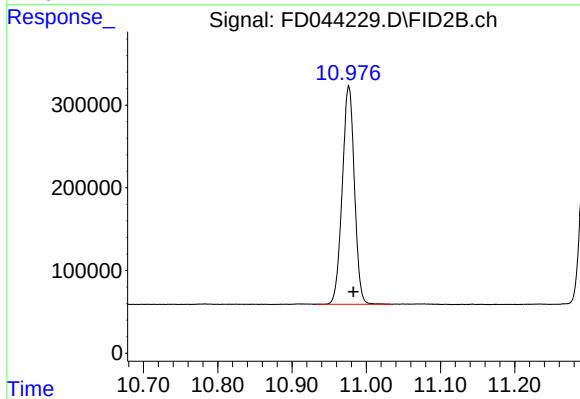
#6 n-Tetradecane (C14)

R.T.: 7.959 min
Delta R.T.: -0.009 min
Response: 2902388
Conc: 20.85 ug/ml



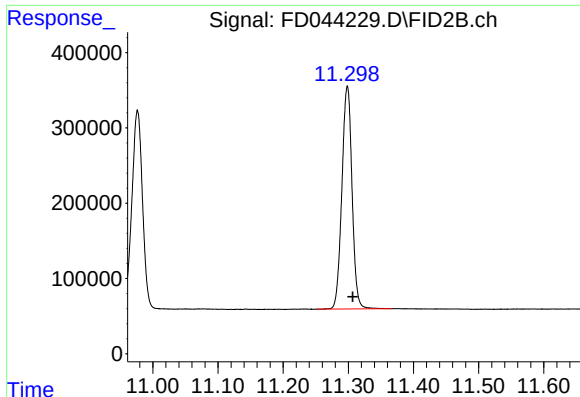
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 2957207
Conc: 20.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.006 min
Response: 3005115
Conc: 20.67 ug/ml



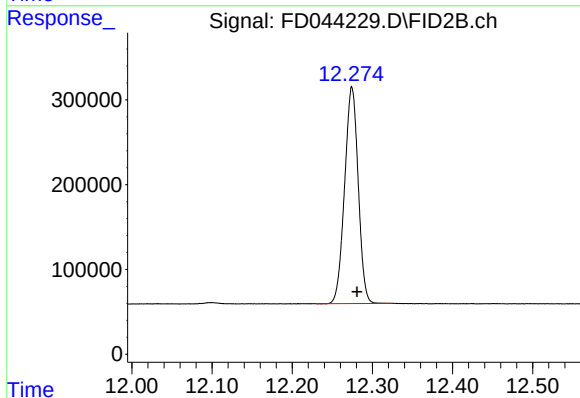
#9 ortho-Terphenyl (SURR)

R.T.: 11.299 min
Delta R.T.: -0.008 min
Response: 3208835
Conc: 20.39 ug/ml

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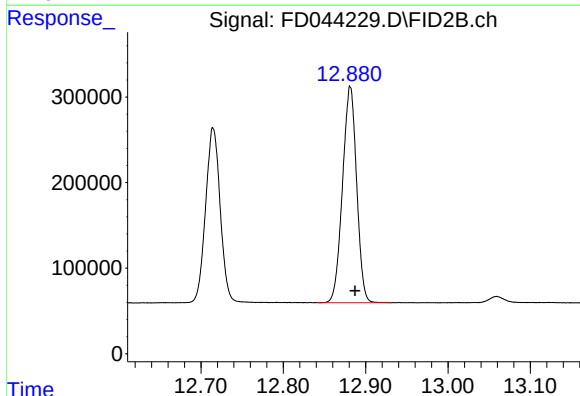
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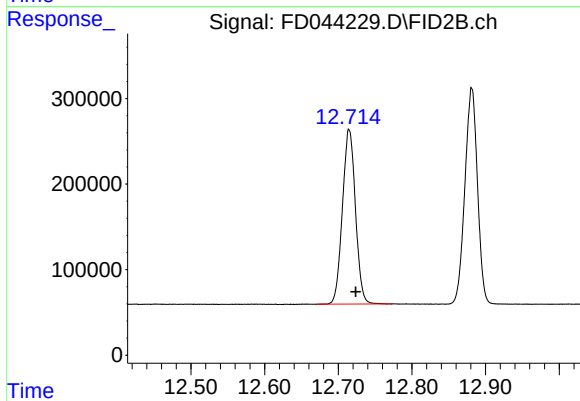
#10 n-Eicosane (C20)

R.T.: 12.274 min
Delta R.T.: -0.007 min
Response: 3008240
Conc: 20.29 ug/ml



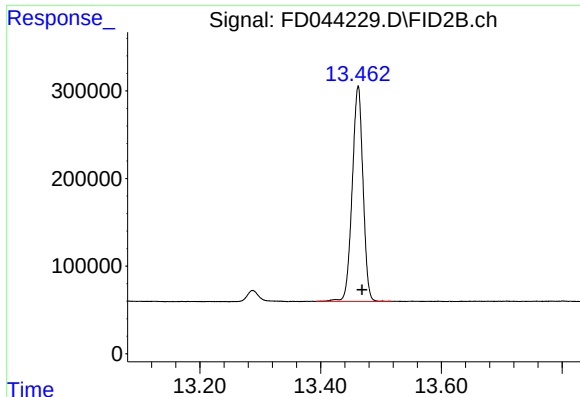
#11 n-Heneicosane (C21)

R.T.: 12.881 min
Delta R.T.: -0.006 min
Response: 3004939
Conc: 20.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.715 min
Delta R.T.: -0.009 min
Response: 2514970
Conc: 20.00 ug/ml



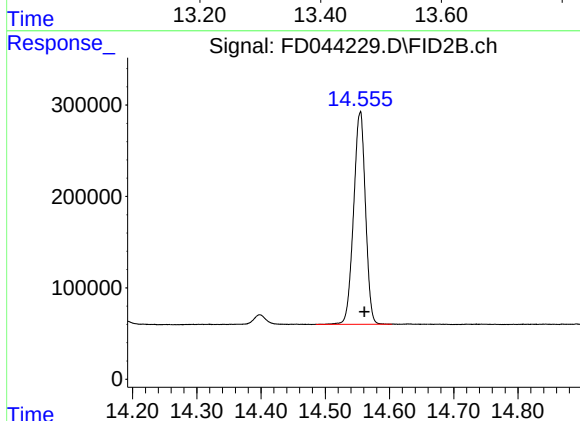
#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.006 min
Response: 3043533
Conc: 20.24 ug/ml

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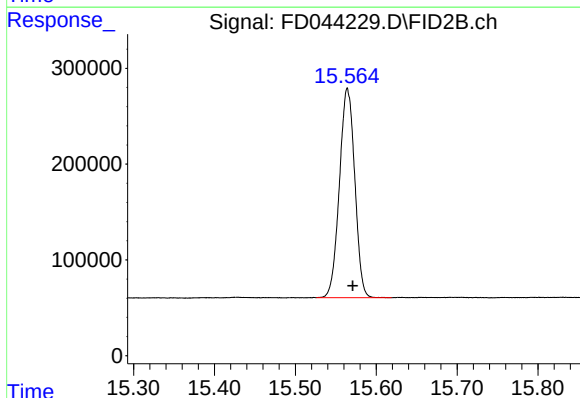
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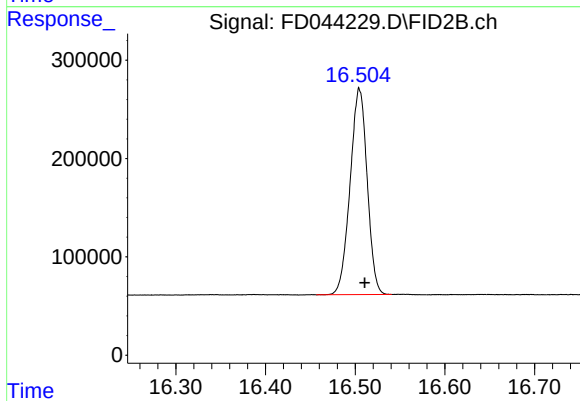
#14 n-Tetracosane (C24)

R.T.: 14.555 min
Delta R.T.: -0.006 min
Response: 2986744
Conc: 19.79 ug/ml



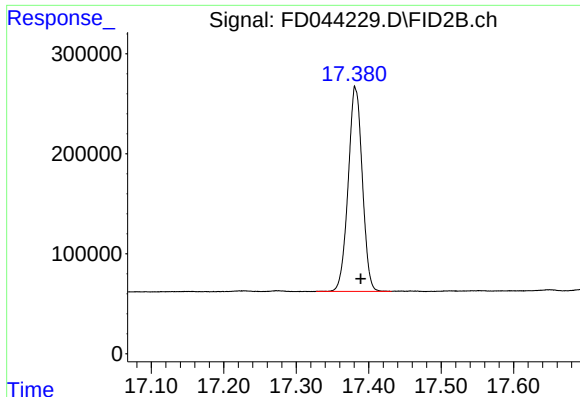
#15 n-Hexacosane (C26)

R.T.: 15.564 min
Delta R.T.: -0.006 min
Response: 2877158
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.505 min
Delta R.T.: -0.006 min
Response: 2770706
Conc: 18.39 ug/ml



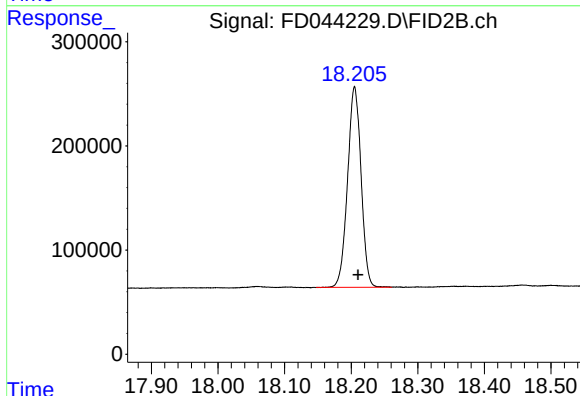
#17 n-Tricontane (C30)

R.T.: 17.381 min
Delta R.T.: -0.007 min
Response: 2769525
Conc: 18.07 ug/ml

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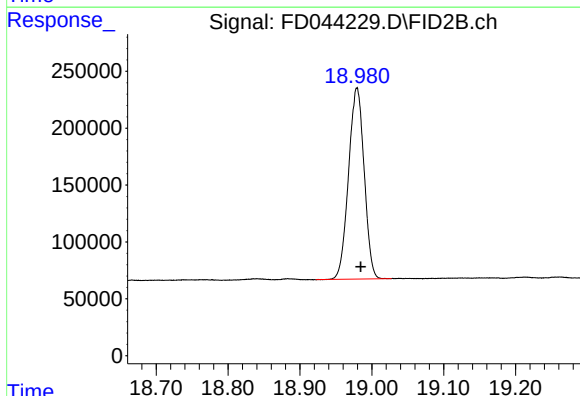
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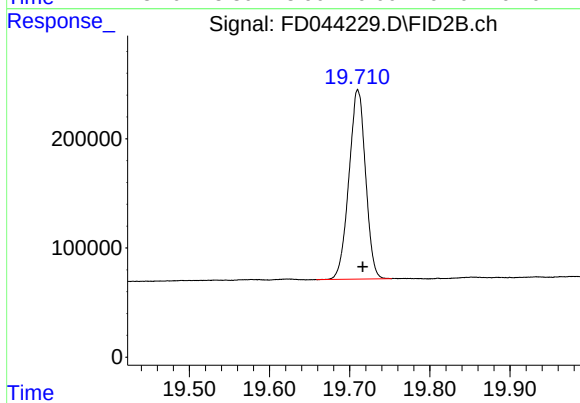
#18 n-Dotriacontane (C32)

R.T.: 18.205 min
Delta R.T.: -0.005 min
Response: 2713635
Conc: 17.69 ug/ml



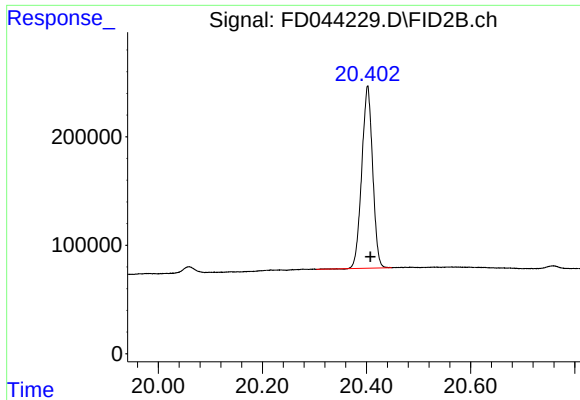
#19 n-Tetratriacontane (C34)

R.T.: 18.979 min
Delta R.T.: -0.005 min
Response: 2534255
Conc: 17.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.710 min
Delta R.T.: -0.006 min
Response: 2496925
Conc: 17.03 ug/ml



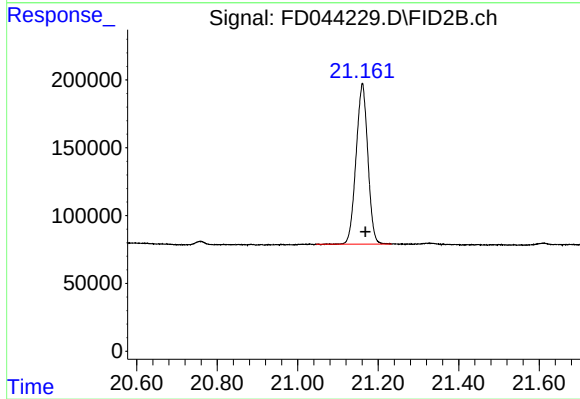
#21 n-Octatriacontane (C38)

R.T.: 20.402 min
Delta R.T.: -0.005 min
Response: 2432981
Conc: 17.44 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.161 min
Delta R.T.: -0.008 min
Response: 2394407
Conc: 18.41 ug/ml